



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण  
(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)  
**National Highways Authority of India**  
(Ministry of Road Transport & Highways, Government of India)  
क्षेत्रीय कार्यालय, मदुरै / Regional Office, Madurai

दूसरा व तीसरी तल, विजय कृष्ण प्लाजा, संख्या-1, लेक एरिया, मेलूर मेन रोड, माट्टुतावनी, मदुरै- 625 107  
2<sup>nd</sup> & 3<sup>rd</sup> Floor, Vijay Krishna Plaza, No.1, Lake Area, Melur Main Road, Mattuthavani, Madurai-625 107  
दूरभाष / Tele : +91-452-258 8999 वेब / Website : www.nhai.gov.in ई-मेल / E-mail : romadurai@nhai.org



NHAI/15018/4.6/02/2024/RO Madurai/E-244482/ 712

5<sup>th</sup> June, 2024

**INVITATION OF PUBLIC COMMENTS**

**विषय:** भाराराप्रा - क्षे.का. मदुरै- पकाई, त्रिची - Trichy - Dindigul section of NH 45 (New NH 83) - TWAD Board - CWSS - JJM - Retrofitting of CWSS to 100 Habs (formerly CWSS to 141 Habs) in Andhanallur and Manapparai unions under Jal Jeevan Mission for shifting of water pipeline along the road km.350/360 to km.350/500 (140m), km.352/210 to km.352/820 (610m) on LHS and km.350/960 to km.353/220 (2260m) km.350/500 to km.350/960 (460m) on RHS and crossing at km.352/210, km.350/500 - Invitation of Public Comments - Reg.

**प्रसंग:** PD, Trichy, Lr.No - NHAI/PD/TRY//NH 83/T-D/TWAD/2024/530 dt.21.03.2024.

The proposal received from PD, Trichy vide Lr. No - NHAI/PD/TRY//NH 83/T-D/TWAD/2024/530 dt.21.03.2024 there by requesting permission for Laying of Water Supply Pipeline along the road km.350/360 to km.350/500 (140m), km.352/210 to km.352/820 (610m) on LHS and km.350/960 to km.353/220 (2260m) km.350/500 to km.350/960 (460m) on RHS and crossing at km.352/210, km.350/500 in the state of Tamil Nadu as proposed Executive Engineer, TWAD Board, Maintenance Division, Trichy.

2. Details of the proposal as submitted by Executive Engineer, TWAD Board, Maintenance Division, Trichy are as hereunder:-

Stretch in Km	Length in Meters	Dia of pipe	Available ROW (in Meter)	Remarks
Along NH 45 (New NH 83) km.350/360 to km.350/500 (LHS)	140	01 no of 110 mm HDPE pipe	60	Laying of pipe line along the extreme edge of ROW at a distance of 0.6 m from ROW edge.
Along NH 45 (New NH 83) km.352/210 to km.352/820 (LHS)	610	01 no of 110 mm HDPE pipe		
Along NH 45 (New NH 83)	2260			

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## National Highways Authority of India

km.350/960 to km.353/220(RHS)		01 no of 140 mm HDPE pipe		
Along NH 45 (New NH 83) km.350/500 to km.350/960 (RHS)	460	01 no of 110 mm HDPE pipe		
Across NH 45 (New NH 83) Km.350/500	60	01 no of 250 mm MS casing pipe with 100 mm HDPE pipe		
Across NH 45 (New NH 83) Km.352/210	60	01 no of 250 mm MS casing pipe with 100 mm HDPE pipe		

3. The Executive Engineer, TWAD Board, Maintenance Division, Trichy has proposed for laying of water Pipe line on Trichy - Dindigul section of NH 45 (New NH 83) in the State of Tamil Nadu along the road from km. 350/360 to km.350/500 (140m), km.352/210 to km.352/820 (610m) on LHS and km. 350/960 to km. 353/220 (2260m), km. 350/500 to km.350/960 (460m) on RHS by open trench method at minimum depth of 1.850 m from ground level and crossing at km.352/210, km.350/500 by HDD method at minimum depth of 1.850m from top of the subgrade and cross-section of the same has been duly signed by PD,Trichy.

4. The Executive Engineer, TWAD Board, Maintenance Division, Trichy has furnished an undertaking to the effect that the applicant will move the utility line for any work of improvement or repairs to the road if NHAI considers if necessary in future, it will be carried out as desired by NHAI at their own cost within a reasonable time (not exceeding 90days) from the date of issue of the intimation given. Also, certified that the proposed pipeline work will not damage the other utility, if damaged the applicant will pay the losses either to NHAI or to the concerned agency.

Accordingly, as per Policy Guidelines issued by Ministry vide letter No. RW/NH-33044/29/2015/S&R(R) dated 22.11.2016, the application is being uploaded on public domain for 30 days for seeking claims and objections (on grounds of public inconvenience, safety and general public interest).

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## National Highways Authority of India

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.

मेहेंद्र मीना  
05/06/24

(महेन्द्र मीना | Mahendra Meena)  
प्रबंधक (तक) | 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.

File No. NHAI/PD/TRY/NH83/T-D/TWAD/2024/530dt.21.03.2024

**GOVERNMENT OF INDIA**

**National Highways Authority of India**  
**RO Madurai**  
**PIU Trichy**

**SUBJECT**

Main Category	:	
Sub Category	:	
Description	:	NHAI, PIU, TRICHY – Trichy – Dindigul section of NH 45 (New NH 83) – TWAD Board – CWSS - JJM - Retrofitting of CWSS to 100 Habs (formerly CWSS to 141 Habs) in Andhanallur and Manapparai unions under Jal Jeevan Mission for shifting of water pipeline along the road km.350/360 to km.350/500 (140m), km.352/210 to km.352/820 (610m) on LHS and km.350/960 to km.353/220 (2260m) km.350/500 to km.350/960 (460m) on RHS and crossing at km.352/210, km.350/500 – Recommended for In Principle approval requested – Reg

**OTHER DETAILS**

Language	:	English
Remarks	:	
Previous References	:	
Later References	:	

**Note # 1**

Sub: NHAI, PIU, TRICHY - Trichy - Dindigul section of NH 45 (New NH 83) - TWAD Board - CWSS - JJM - Retrofitting of CWSS to 100 Habs (formerly CWSS to 141 Habs) in Andhanallur and Manapparai unions under Jal Jeevan Mission for shifting of water pipeline along the road km.350/360 to km.350/500 (140m), km.352/210 to km.352/820 (610m) on LHS and km.350/960 to km.353/220 (2260m) km.350/500 to km.350/960 (460m) on RHS and crossing at km.352/210, km.350/500 - Recommended for In Principle approval requested - Reg

Ref: 1. Executive Engineer TWAD Board, Maintenance Division, Trichy, letter

no1117/CWSS to 141 habs./F.NH-45/Pipe Shifting/ JDO/ 2022dt.17.11.2023

2. NHAI/PD/TRY/NH 83/Utility/2023/2345 dt 30.11.2023

3. MSV/TRICHY/NHAI/IE-TL/2023-24/1807 dt 05.12.2023

4. Executive Engineer TWAD Board, Maintenance Division, Trichy, letter

no.27/CWSS to 141 habs./F.NH-45/Pipe Shifting/ JDO/ 2022 dt.07.02.2024(received on 20.02.2024)

5. NHAI/PD/TRY/NH 83/T-D/TWAD/2-24/345 dt 26.02.2024

6. MSV/TRICHY/NHAI/IE-TL/2023-24/1954 dt 08.03.2024

7. NHAI/PD/TRY/NH 83/T-D/TWAD/2024/364 dt.15.03.2024

8. Executive Engineer TWAD Board, Maintenance Division, Trichy, Letter

No 318/CWSS to 141 Habs./F.NH-45/Pipe Shifting/JDO/2022/ dt.18.03.2024

Sir,

The Executive Engineer, TWAD Board, Maintenance Division, Trichy, vide reference 4<sup>th</sup> cited [\(CP/6\)](#), has requested permission for laying of water pipe line along the road from km.350/360 to km.350/500 (140m), km.352/210 to km.352/820 (610m) on LHS and km.350/960 to km.353/220 (2260m) km.350/500 to km.350/960 (460m) on RHS and crossing at km.352/210, km.350/500 in Trichy -Dindigul section of NH 83.

2. The Team Leader, M/s. MSV, Trichy, after joint inspection along with representatives of TWAD, has submitted their report vide reference dt.08.03.2024 6<sup>th</sup> cited [\(CP/10\)](#) above and recommended the proposal subject to conditions. (copy enclosed)

3. In the light of Team Leader report, the following observations are made by PIU:

i. The works shall be carried out as per the drawing submitted by applicant.

ii. All cross roads and structures to lay the pipeline by HDD only.

iii. All the existing utilities are to be verified by the applicant before commencement of the work and ensure that no damage is caused to the existing structures. Damages if any caused it has to be rectified by the applicant at their risk and cost.

iv. The applicant has to ensure that avenue plantations, rain water harvesting system and boundary stones 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.

v. It must be ensured that all safety arrangements are made by work executing agency and any deficiency noticed it should be got rectified at their cost and risk.

4. i. Performance BG towards restoration charges for Rs. Rs.10,97,500/- as per Ministry circular shall be furnished by the applicant and the confirmation of BG shall also be obtained from the respective bank branch as per NHAI guidelines. In case of improper restoration after laying, BG shall be forfeited.

ii. The applicant shall pay Rs. 56,372/- towards onetime license fee for 5 years through Bharatkosh portal and furnish the receipt.

iii. The license fee has been calculated in line with the MoRT&H policy guidelines dt.22.11.2016 & 17.04.2023 and based on the highest prevailing guideline rate of the villages involved as detailed below;

Utilized NH land area X Prevailing circle rate of land per unit* area ) X 1.5% per annum									
S. no	Village	Chainage		Side	Length	Dia of pipe in mtr	Utilized NH land area (sq.m)	Prevailing circle rate of land per unit area	License fee per month (private utility (Rs.))
		From	to						

								(Sq.m) (Rs.)	
1	Kumara vadi	352.210	352.82 0	LHS	610	0.11	67.1	1080	1087
2	Kumara vadi	353.220	350.96 0	RHS	2260	0.14	316.4	1080	5126
3	Kumara vadi	350.960	350.50 0	RHS	460	0.11	50.6	1080	656
4	Kumara vadi	350.500	350.36 0	LHS	140	0.11	15.4	1080	250
Crossing									
5	Kumara vadi	352.210			60	0.25	15	1080	243
6	Kumara vadi	350.500			60	0.25	15	1080	243
	Total				3590				7605

License fee for the year	1 <sup>st</sup> year	10000
	2 <sup>nd</sup> year	10600
	3 <sup>rd</sup> year	11236
	4 <sup>th</sup> year	11911
	5 <sup>th</sup> year	12625
	Total	56,372

License Fee for Five Years: Rs. 56,372(Rupees Fifty-Six Thousand Three Hundred and Seventy-two only)

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

Total area of land to be utilized (route meter)	- 3590 Rm
Along the road >300mm dia	Rs.250
(3590 * 250)	- Rs.8,97,500
each crossing Rs. 1,00,000/	
Across at km. 352.210 & Km 350.500	- Rs. 2,00,000

Total -  
Rs.10,97,500/-

In view of the above, the proposal submitted by the Executive Engineer, TWAD Board, RWS Division, Manapparai, vide reference 4<sup>rd</sup> cited [\(CP/6\)](#), requesting permission for laying of water pipe line along the road from km.350/360 to km.350/500 (140m), km.352/210 to

km.352/820 (610m) on LHS and km.350/960 to km.353/220 (2260m) km.350/500 to km.350/960 (460m) on RHS and crossing at km.352/210, km.350/500 in Trichy - Dindigul section of NH 38 (Old NH 45) under Jal Jeeven Mission, may be considered and recommended for according in-principle approval.

23/03/2024 12:23 PM

ए एन प्रवीण कुमार|A N PRAVEEN KUMAR  
पीडी पीआईयू- त्रिची|PD PIU - TRICHY

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**Note # 2**

Please examine and putup.

26/03/2024 12:10 PM

संजय वर्मा|SANJAY VERMA  
क्षेत्रीय अधिकारी (मद्रै)|RO MADURAI

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**Note # 3**

04/04/2024 11:19 AM

महेंद्र मीना|MAHENDRA MEENA  
प्रबंधक (तकनीकी)|MANAGER(TECHNICAL)

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**Note # 4**

15/04/2024 11:00 AM

सी. राघुल|C. RAGHUL  
प्रबंधक (तकनीकी)|MANAGER(TECHNICAL)

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**Note # 5**

17/04/2024 05:41 PM

महेंद्र मीना|MAHENDRA MEENA  
प्रबंधक (तकनीकी)|MANAGER(TECHNICAL)

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**Note # 6**

30/04/2024 11:25 AM

सी. राघुल|C. RAGHUL  
प्रबंधक (तकनीकी)|MANAGER(TECHNICAL)

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**Note # 7**

विषय: भाग्यपू - क्षे.का. मद्रै- पकाई, त्रिची - Trichy - Dindigul section of NH 45 (New



NH 83) - TWAD Board - CWSS - JJM - Retrofitting of CWSS to 100 Habs (formerly CWSS to 141 Habs) in Andhanallur and Manapparai unions under Jal Jeevan Mission for shifting of water pipeline along the road km. 350/360 to km.350/500 (140m), km. 352/210 to km.352/820 (610m) on LHS and km. 350/960 to km. 353/220 (2260m) km.350/500 to km.350/960 (460m) on RHS and crossing at km.352/210, km.350/500 - **“In-Principle” Approval - Reg.**

पूरांग: PD, Trichy, Lr. No - NHAI/PD/TRY//NH 83/T-D/TWAD/2024/530 dt.21.03.2024. (received on 25.03.2024).

PUC is proposal received from PD Trichy vide letter under reference cited above recommending therewith a proposal submitted by The Executive Engineer, TWAD Board, Maintenance Division, Trichy along the road from km. 350/360 to km. 350/500 (140m), km.352/210 to km.352/820 (610m) on LHS and km.350/960 to km.353/220 (2260m) km.350/500 to km.350/960 (460m) on RHS and crossing at km.352/210, km.350/500 on Trichy - Dindigul section of NH 45 (New NH 83) in the State of Tamil Nadu.

2. In this regard, the instant proposal duly recommended by PD, Trichy has been examined as per Ministry's Guidelines dated 22.11.2016 and the following details are brought out;

a) The alignment proposed by the Executive Engineer, TWAD Board, Maintenance Division, Trichy for laying the pipeline along the road from km. 350/360 to km. 350/500 (140m), km. 352/210 to km. 352/820 (610m) on LHS and km. 350/960 to km. 353/220 (2260m), km. 350/500 to km. 350/960 (460m) on RHS and crossing at km. 352/210, km. 350/500 on Trichy - Dindigul section of NH 45 (New NH 83) as per duly signed checklist by PD, Trichy with details as under:

Stretch in Km	Length in Meters	Dia of pipe	Available ROW (in Meter)	Remarks
Along NH 45 (New NH 83) km.350/360 to km.350/500 (LHS)	140	01 no of 110 mm HDPE pipe		
Along NH 45 (New NH 83) km.352/210 to km.352/820 (LHS)	610	01 no of 110 mm HDPE pipe		
Along NH 45 (New NH 83)		01 no of		

km.350/960 to km.353/220 (RHS)	2260	140 mm HDPE pipe	60	Laying of pipe line along the extreme edge of ROW at a distance of 0.6 m from ROW edge.
Along NH 45 (New NH 83) km.350/500 to km.350/960 (RHS)	460	01 no of 110 mm HDPE pipe		
Across NH 45 (New NH 83) Km. 350/500	60	01 no of 250 mm MS casing pipe with 110 mm HDPE pipe		
Across NH 45 (New NH 83) Km. 352/210	60	01 no of 250 mm MS casing pipe with 110 mm HDPE pipe		

b) The Executive Engineer, TWAD Board, Maintenance Division, Trichy has proposed for laying of water Pipe line on Trichy - Dindigul section of NH 45 (New NH 83) in the State of Tamil Nadu along the road from km. 350/360 to km.350/500 (140m), km.352/210 to km.352/820 (610m) on LHS and km. 350/960 to km. 353/220 (2260m), km. 350/500 to km.350/960 (460m) on RHS by open trench method at minimum depth of 1.850 m from ground level and crossing at km.352/210, km.350/500 by HDD method at minimum depth of 1.850m from top of the subgrade and cross-section of the same has been duly signed by PD,Trichy which is in conformity with Ministry's guidelines dated 22.11.2016.

c) Calculation of applicable license fee and Restoration Charges has been submitted by PD Trichy in [para 4 of Note#4](#) . It is observed that dia of proposed pipes is less than 300mm. for which Rate of 100 Rs per m. is applicable as per MoRTH circular dated 22.11.2016. Hence Restoration Charges has been modified to Rs. 5,47,000/- in this office.

d) The Executive Engineer, TWAD Board, Maintenance Division, Trichy has furnished an undertaking to the effect that the applicant will move the utility line for any work of improvement or repairs to the road if NHAI considers if necessary in future, it will be carried out as desired by NHAI at their own cost within a reasonable time (not exceeding 90days) from the date of issue of the intimation given. Also, it has been undertaken that the proposed pipeline work will not damage the other utility, if damaged the

applicant will pay the losses either to NHAI or to the concerned agency.

3) In view of the above, the approval of competent Authority may be accorded for laying of water Pipe line on Trichy - Dindigul section of NH 45 (New NH 83) in the State of Tamil Nadu. along the road from km.350/360 to km.350/500 (140m), km.352/210 to km.352/820 (610m) on LHS and km.350/960 to km.353/220 (2260m) km.350/500 to km.350/960 (460m) on RHS by open trench method at minimum depth of 1.850 m from ground level and crossing at km.352/210, km.350/500 by HDD method at minimum depth of 1.850m from top of the subgrade in the State of Tamil Nadu by Executive Engineer, TWAD Board, Maintenance Division, Trichy as per the details submitted in the proposal subject to the following conditions and also in the License Deed to be signed.

- i. As mentioned in the Ministry's letter dated 22.11.2016, Para (6) and subsequent Amendment dated 17.04.2023. The applicant shall submit a Performance Bank Guarantee i.e. **Rs. 5,47,000/-** towards restoration charges and the confirmation of BG may be obtained from the respective branch as per NHAI guidelines. The applicant shall remit the License Fee for 5 years i.e. **Rs. 56,371/-** in Bharatkosh Portal and the same shall be confirmed. **After fulfillment of these conditions, the PD, Trichy is authorized to execute the License Deed with the Executive Engineer, TWAD Board, Maintenance Division, Trichy.**
- ii. The work shall be taken up by Executive Engineer, TWAD Board, Maintenance Division, Trichy **only after signing of License Deed and submission of all undertakings on stamp paper as per checklist at the time of execution of license deed.**
- iii. The laying of water Pipe line shall be strictly as per the Ministry's letter No. RW/NH-33044/29/2015/S&R(R) dated 22.11.2016 and as per the details/drawings indicated in the proposal. No change in the alignment of water Pipe line than approved herein will be entertained. Any deviation may result in cancelling of the permission/approval.
- iv. As per Ministry's letter dated 22.11.2016, PD, NHAI, **Trichy** shall ensure that the water Pipe line is not laid over the existing Culverts & Bridges except through the utility ducts where such provision exists. In case of absence of such provisions, the Executive Engineer, TWAD Board, Maintenance Division, Trichy shall make its own arrangements for crossing the cross drainage Structure, rivers, etc., below the belt.
- v. All the existing utilities are to be checked and verified by Executive Engineer, TWAD Board, Maintenance Division, Trichy before commencement of the work and ensure that no damage is caused to the existing utilities. If any damages are caused to the existing by the Executive Engineer, TWAD Board, Maintenance Division, Trichy has to bear the cost of rectification works.
- vi. The Executive Engineer, TWAD Board, Maintenance Division, Trichy should adopt Trenchless technology wherever water Pipe line crosses the cross roads/junction locations and wherever the berm width is

less, the Executive Engineer, TWAD Board, Maintenance Division, Trichy should adopt HDD Method for laying water Pipe line.

- vii. **This permission shall stand cancelled, if any adverse comments are received within 30 days from the date of issue of public notice for this proposal.**
- viii. **Proper sealing shall be provided at the ends of the encasing pipe in the Crossing portion to avoid ingress of water.**
- ix. No digging of the carriageway will be allowed and working pits, if any, shall be made outside the ROW.
- x. License Fee (as worked out by the PD/EE) 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 renewal and deposition of fee shall attract interest @ 15% per annum compounded annually.
- xi. 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.
- xii. Before signing of agreement, recommendation of IE & consent of Concessionaire/ Supervision Consultant may also be obtained, if not taken so far.
- xiii. PD, PIU, Trichy shall ensure that, avenue plantation, rain water harvesting system and boundary stones are not disturbed. Damages any, shall be got rectified through the applicant.
- xiv. The Executive Engineer, TWAD Board, Maintenance Division, Trichy shall follow the latest guidelines issued by MoRT&H while executing the work.
- xv. Free flow of traffic on Trichy - Dindigul section of NH 45 (New NH 83) should be maintained at any point of time by the Executive Engineer, TWAD Board, Maintenance Division, Trichy while carrying out the work of laying water Pipe line.
- xvi. The proposed laying of water Pipe line shall be laid in such a manner that it causes least interference to the traffic movement and also traffic safety.
- xvii. The Executive Engineer, TWAD Board, Maintenance Division, Trichy will be responsible for any hazard during the laying of water Pipe line.
- xviii. The Executive Engineer, TWAD Board, Maintenance Division, Trichy shall shift the utility services **at its own cost** within 90 days (or as specified by the respective authority) from the date of issue of the notice by the concerned Authority in this regard, 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. An undertaking to this effect shall be furnished along with the License Deed to be signed.
- xix. The interference with any other service line that exists in the

alignment of the proposed Underground water Pipe line shall be fully assessed prior to taking up work and the matter shall be taken up with the concerned service providers for redressal.

- xx. Cross sectional drawings duly showing the road section, casing pipe and location of open pit for HDD machine (distance from RoW/Toe line) should be submitted while submitting final NOC application.
- xxi. In case of improper restoration after laying of water Pipe line, the Bank Guarantee shall be forfeited by NHAI.
- xxii. NHAI has every right to cancel the permission given, without assigning any reason.
- xxiii. Notwithstanding the above, the provisional permission shall stand cancelled under the following circumstances.
  - a. If any document/information furnished by the applicant proves to be false or if the applicant is found to have willfully suppressed any information.
  - b. Any breach of the condition imposed by the Highway Administration or the officer authorized by the Administration on his behalf.
  - c. If at later stage, any dispute/legal matter arises in the matter.
  - d. If any part of the Highway between the toe to toe is damaged either by cutting or dumping earth.

4 ) However, PIU is cautioned to be aware regarding submission of misleading undertakings as well as drawings confirming to relevant MoRTH guidelines in order to obtain Utility laying permission, indicating compliance to the MoRTH norms. In case of any deviation found at any stage post approval also, Project Director should immediately take necessary action as per rule with information to Regional Officer. It may be noted that PD shall be exclusively responsible for intimating & taking immediate action in case of any deviation at any stage.

5 ) Also, it has been observed during recent site inspection, that the utility owning agencies/TWAD are not taking precaution regarding protection to avenue plantation, approved location for laying of utility, restoration of avenue etc. during and after execution of works. It is therefore advised that PDs shall exercise close monitoring of the works to ensure strict compliance of the norms/conditions.

Accordingly, a draft letter addressed to PD, PIU, Trichy (DFA/107074) and Draft letter for Invitation of Public comments (DFA/107077) is put up for your kind perusal and approval please.

03/06/2024 03:19 PM

महेंद्र मीना|MAHENDRA MEENA  
प्रबंधक (तकनीकी)|MANAGER(TECHNICAL)

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**Note # 8**

It is approved as proposed. PD shall ensure the proposed WSPL is laid at the extreme edge only. DFA needs to be incorporated

suitably insisting on the same.

**04/06/2024 12:08 AM**

**गोविंदसामी के|Govindasamy K  
क्षेत्रीय कार्याल मदुरै|RO MADURAI**

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**Note # 1**

Sub: NHAI, PIU, TRICHY - Trichy - Dindigul section of NH 45 (New NH 83) - TWAD Board - CWSS - JJM - Retrofitting of CWSS to 100 Habs (formerly CWSS to 141 Habs) in Andhanallur and Manapparai unions under Jal Jeevan Mission for shifting of water pipeline along the road km.350/360 to km.350/500 (140m), km.352/210 to km.352/820 (610m) on LHS and km.350/960 to km.353/220 (2260m) km.350/500 to km.350/960 (460m) on RHS and crossing at km.352/210, km.350/500 - Recommended for In Principle approval requested - Reg

Ref: 1. Executive Engineer TWAD Board, Maintenance Division, Trichy, letter

no1117/CWSS to 141 habs./F.NH-45/Pipe Shifting/ JDO/ 2022dt.17.11.2023

2. NHAI/PD/TRY/NH 83/Utility/2023/2345 dt 30.11.2023

3. MSV/TRICHY/NHAI/IE-TL/2023-24/1807 dt 05.12.2023

4. Executive Engineer TWAD Board, Maintenance Division, Trichy, letter

no.27/CWSS to 141 habs./F.NH-45/Pipe Shifting/ JDO/ 2022 dt.07.02.2024(received on 20.02.2024)

5. NHAI/PD/TRY/NH 83/T-D/TWAD/2-24/345 dt 26.02.2024

6. MSV/TRICHY/NHAI/IE-TL/2023-24/1954 dt 08.03.2024

7. NHAI/PD/TRY/NH 83/T-D/TWAD/2024/364 dt.15.03.2024

8. Executive Engineer TWAD Board, Maintenance Division, Trichy, Letter

No 318/CWSS to 141 Habs./F.NH-45/Pipe Shifting/JDO/2022/ dt.18.03.2024

Sir,

The Executive Engineer, TWAD Board, Maintenance Division, Trichy, vide reference 4<sup>th</sup> cited [\(CP/6\)](#), has requested permission for laying of water pipe line along the road from km.350/360 to km.350/500 (140m), km.352/210 to km.352/820 (610m) on LHS and km.350/960 to km.353/220 (2260m) km.350/500 to km.350/960 (460m) on RHS and crossing at km.352/210, km.350/500 in Trichy -Dindigul section of NH 83.

2. The Team Leader, M/s. MSV, Trichy, after joint inspection along with representatives of TWAD, has submitted their report vide reference dt.08.03.2024 6<sup>th</sup> cited [\(CP/10\)](#) above and recommended the proposal subject to conditions. (copy enclosed)

3. In the light of Team Leader report, the following observations are made by PIU:

i. The works shall be carried out as per the drawing submitted by applicant.

ii. All cross roads and structures to lay the pipeline by HDD only.

iii. All the existing utilities are to be verified by the applicant before commencement of the work and ensure that no damage is caused to the existing structures. Damages if any caused it has to be rectified by the applicant at their risk and cost.

iv. The applicant has to ensure that avenue plantations, rain water harvesting system and boundary stones 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.

v. It must be ensured that all safety arrangements are made by work executing agency and any deficiency noticed it should be got rectified at their cost and risk.

4. i. Performance BG towards restoration charges for Rs. Rs.10,97,500/- as per Ministry circular shall be furnished by the applicant and the confirmation of BG shall also be obtained from the respective bank branch as per NHAI guidelines. In case of improper restoration after laying, BG shall be forfeited.

ii. The applicant shall pay Rs. 56,372/- towards onetime license fee for 5 years through Bharatkosh portal and furnish the receipt.

iii. The license fee has been calculated in line with the MoRT&H policy guidelines dt.22.11.2016 & 17.04.2023 and based on the highest prevailing guideline rate of the villages involved as detailed below;

Utilized NH land area X Prevailing circle rate of land per unit* area ) X 1.5% per annum									
S. no	Village	Chainage		Side	Length	Dia of pipe in mtr	Utilized NH land area (sq.m)	Prevailing circle rate of land per unit area	License fee per month (private utility (Rs.))
		From	to						



								(Sq.m) (Rs.)	
1	Kumara vadi	352.210	352.82 0	LHS	610	0.11	67.1	1080	1087
2	Kumara vadi	353.220	350.96 0	RHS	2260	0.14	316.4	1080	5126
3	Kumara vadi	350.960	350.50 0	RHS	460	0.11	50.6	1080	656
4	Kumara vadi	350.500	350.36 0	LHS	140	0.11	15.4	1080	250
Crossing									
5	Kumara vadi	352.210			60	0.25	15	1080	243
6	Kumara vadi	350.500			60	0.25	15	1080	243
	Total				3590				7605

License fee for the year	1 <sup>st</sup> year	10000
	2 <sup>nd</sup> year	10600
	3 <sup>rd</sup> year	11236
	4 <sup>th</sup> year	11911
	5 <sup>th</sup> year	12625
	Total	56,372

License Fee for Five Years: Rs. 56,372(Rupees Fifty-Six Thousand Three Hundred and Seventy-two only)

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

Total area of land to be utilized (route meter)	- 3590 Rm
Along the road >300mm dia	Rs.250
(3590 * 250)	- Rs.8,97,500
each crossing Rs. 1,00,000/	
Across at km. 352.210 & Km 350.500	- Rs. 2,00,000
Total	-
Rs.10,97,500/-	

In view of the above, the proposal submitted by the Executive Engineer, TWAD Board, RWS Division, Manapparai, vide reference 4<sup>rd</sup> cited [\(CP/6\)](#) , requesting permission for laying of water pipe line along the road from km.350/360 to km.350/500 (140m), km.352/210 to

km.352/820 (610m) on LHS and km.350/960 to km.353/220 (2260m) km.350/500 to km.350/960 (460m) on RHS and crossing at km.352/210, km.350/500 in Trichy - Dindigul section of NH 38 (Old NH 45) under Jal Jeeven Mission, may be considered and recommended for according in-principle approval.

**23/03/2024 12:23 PM**

**ए एन प्रवीण कुमार|A N PRAVEEN KUMAR  
पीडी पीआईयू- त्रिची|PD PIU - TRICHY**

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**TAMIL NADU WATER SUPPLY AND DRAINAGE BOARD**

<b>NHAI - PIU - TRICHY</b>	
<b>20 FEB 2024</b>	
Dy.No:	599
M(T)	
LAO	✓
SE-1	
SE-2	
SE-3	
Accounts	
YHE	
CO	

**From**  
**Er. T.Panneerselvam, B.E.,**  
**Executive Engineer**  
TWAD Board,  
Maintenance Division,  
J.K Nagar,Kajamalai P.O,  
Trichy -620 023  
**E.mail: eemaintry@gmail.com**  
**Contact No. - 0431- 2422203**

**To**  
**The Project Director,**  
National Highway Authority of India,  
Project Implementation Unit,  
New No:6 (Old No:44), First floor,  
III - Main road, Ponnagar,  
Trichy - 620 001

Lr.No.27/ CWSS to 141 Habs./F.NH 45/Pipe shifting/JDO/2022 /dt.07.02.2024

Sir,

**Sub:** NHAI -PIU, Trichy - Construction of 4 lane LVUP at Km 352 + 850 with 2 lane Service Road from Km 352 + 520 to Km 353 + 380 in Trichy - Dindigul NH 45 by NHAI Authority - Shifting of pipe line - Proposal already submitted-Revised Proposal resubmitted to take up the work under JJM - Reg.

**Ref:** 1.The Project Director, NHAI, PIU, Trichy Lr No: NHAI/PD/TRY/2020/ NH 45 / T-D /Blackspot/2022/ 321 / Dt. 25.02.2022  
2.T.O.Lr.No:817/ CWSS to 141 Habs./F.NH 45/Pipe shifting/JDO/2022 /dt17.08.2022  
3.T.O.Lr.No:1121/ CWSS to 141 Habs./F.NH 45/Pipe shifting/JDO/2022 /dt 21.11.2022  
4.G.O.(4D).No. :- 16/ MAWS Dept. (WS.1)/ Dated: 26.07.2022  
5. T.O.Lr.No: 1117/ CWSS to 141 Habs./F.NH 45/Pipe shifting/JDO/2022 /dt.17.11.2023  
6. The Project Director, NHAI, PIU, Trichy Lr No: NHAI/PD/TRY/NH 83 / Utility /2023/ 2345 / Dt. 30.11.2023  
7.The Team Leader, MMSV International inc. LR.No.MSV/Trichy/NHAI/IE-TL/2023-24/1807 Dated.05.12.2023  
8. T.O.Lr.No: 1229/ CWSS to 141 Habs./F.NH 45/Pipe shifting/JDO/2022 /dt.29.12.2023  
9. The Team Leader, MMSV International inc. LR.No.MSV/Trichy/NHAI/IE-TL/2023-24/1858 Dated.05.01.2024  
10. T.O.Lr.No: 119/ CWSS to 141 Habs./F.NH 45/Pipe shifting/JDO/2022 /dt.19.01.2024

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List of Correspondences							
Receipt No. / Issue No.	Subject	Type	Marked As	Attached On	Issued On	Pages	Remarks
E 928349/2024/PIU -TRICHY	NHAI, PIU, TRICHY – Trichy – Dindigul section of NH 45 (New NH 83) – TWAD Board – CWSS - JJM - Retrofitting of CWSS to 100 Habs (formerly CWSS to 141 Habs) in Andhanallur and Manapparai unions under Jal Jeevan Mission for shifting of water pipeline along the road km.350/360 to km.350/500 (140m), km.352/210 to km.352/820 (610m) on LHS and km.350/960 to km.353/220 (2260m) km.350/500 to km.350/960 (460m) on RHS and crossing at km.352/210, km.350/500 – Recommended for In Principle approval requested – Reg	Receipt		23/03/2024 12:04 PM		1-66	.



**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 - तिरुच्चू / Project Implementation Unit - Trichy  
नं.6, (पुराना नं.44), पहली मंजिल, III - मेन रोड, पानेनगर, तिरुचिरापल्लि - 620 001  
No. 6, (Old No. 44), 1st Floor, III-Main Road, Ponnagar, 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/NH 83/T-D/TWAD/2024/530

March 21, 2024

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

Sub: NHAI, PIU, TRICHY - Trichy - Dindigul section of NH 45 (New NH 83) - TWAD Board - CWSS - JJM - Retrofitting of CWSS to 100 Habs (formerly CWSS to 141 Habs) in Andhanallur and Manapparai unions under Jal Jeevan Mission for shifting of water pipeline along the road km.350/360 to km.350/500 (140m), km.352/210 to km.352/820 (610m) on LHS and km.350/960 to km.353/220 (2260m) km.350/500 to km.350/960 (460m) on RHS and crossing at km.352/210, km.350/500 - Recommended for In Principle approval requested - Reg

- Ref: 1. Executive Engineer TWAD Board, Maintenance Division, Trichy, letter no. 1117/CWSS to 141 habs./F.NH-45/Pipe Shifting/ JDO/ 2022dt.17.11.2023  
2. NHAI/PD/TRY/NH 83/Utility/2023/2345 dt 30.11.2023  
3. MSV/TRICHY/NHAI/IE-TL/2023-24/1807 dt 05.12.2023  
4. Executive Engineer TWAD Board, Maintenance Division, Trichy, letter no. 27/CWSS to 141 habs./F.NH-45/Pipe Shifting/ JDO/ 2022 dt.07.02.2024 (received on 20.02.2024)  
5. NHAI/PD/TRY/NH 83/T-D/TWAD/2-24/345 dt 26.02.2024  
6. MSV/TRICHY/NHAI/IE-TL/2023-24/1954 dt 08.03.2024  
7. NHAI/PD/TRY/NH 83/T-D/TWAD/2024/364 dt.15.03.2024  
8. Executive Engineer TWAD Board, Maintenance Division, Trichy, Letter No 318/CWSS to 141 Habs./F.NH-45/Pipe Shifting/JDO/2022/ Dt.18.03.2024

Sir,

The Executive Engineer, TWAD Board, Maintenance Division, Trichy, vide reference 4<sup>th</sup> cited, has requested permission for laying of water pipe line along the road from km.350/360 to km.350/500 (140m), km.352/210 to km.352/820 (610m) on LHS and km.350/960 to km.353/220 (2260m) km.350/500 to km.350/960 (460m) on RHS and crossing at km.352/210, km.350/500 in Trichy -Dindigul section of NH 83.

2. The Team Leader, M/s. MSV, Trichy, after joint inspection along with representatives of TWAD, has submitted their report vide reference dt.08.03.2024





6<sup>th</sup> cited above and recommended the proposal subject to conditions. (copy enclosed)

3. In the light of Team Leader report, the following observations are made by PIU:

- i. The works shall be carried out as per the drawing submitted by applicant.
- ii. All cross roads and structures to lay the pipeline by HDD only.
- iii. All the existing utilities are to be verified by the applicant before commencement of the work and ensure that no damage is caused to the existing structures. Damages if any caused it has to be rectified by the applicant at their risk and cost.
- iv. The applicant has to ensure that avenue plantations, rain water harvesting system and boundary stones 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.
- v. It must be ensured that all safety arrangements are made by work executing agency and any deficiency noticed it should be got rectified at their cost and risk.

4. i. Performance BG towards restoration charges for Rs. Rs.10,97,500/-as per Ministry circular shall be furnished by the applicant and the confirmation of BG shall also be obtained from the respective bank branch as per NHAI guidelines. In case of improper restoration after laying, BG shall be forfeited.

ii. The applicant shall pay Rs. 56,372/- towards onetime license fee for 5 years through Bharatkosh portal and furnish the receipt.

iii. The license fee has been calculated in line with the MoRT&H policy guidelines dt.22.11.2016 & 17.04.2023 and based on the highest prevailing guideline rate of the villages involved as detailed below;

Utilized NH land area X Prevailing circle rate of land per unit * area ) X 1.5% per annum									
S. no	Village	Chainage		Side	Length	Dia of pipe in mtr	Utilized NH land area (sq.m)	Prevailing circle rate of land per unit area (Sq.m) (Rs.)	License fee per month (private utility) (Rs.)
		From	to						
1	Kumara vadi	352.210	352.820	LHS	610	0.11	67.1	1080	1087
2	Kumara vadi	353.220	350.960	RHS	2260	0.14	316.4	1080	5126
3	Kumara vadi	350.960	350.500	RHS	460	0.11	50.6	1080	656
4	Kumara vadi	350.500	350.360	LHS	140	0.11	15.4	1080	250

15/2/23



Crossing								
5	Kumara vadi	352.210		60	0.25	15	1080	243
6	Kumara vadi	350.500		60	0.25	15	1080	243
	Total			3590				7605

License fee for the year	1 <sup>st</sup> year	10000
	2 <sup>nd</sup> year	10600
	3 <sup>rd</sup> year	11236
	4 <sup>th</sup> year	11911
	5 <sup>th</sup> year	12625
	Total	56,372

License Fee for Five Years: Rs. 56,372(Rupees Fifty-Six Thousand Three Hundred and Seventy-two only)

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

Total area of land to be utilized (route meter)	- 3590 Rm
Along the road >300mm dia	Rs.250
(3590 * 250)	- Rs.8,97,500
each crossing Rs. 1,00,000/	
Across at km. 352.210 & Km 350.500	- Rs. 2,00,000
Total	- Rs.10,97,500/-

In view of the above, the proposal submitted by the Executive Engineer, TWAD Board, RWS Division, Manapparai, vide reference 4<sup>rd</sup> cited, requesting permission for laying of water pipe line along the road from km.350/360 to km.350/500 (140m), km.352/210 to km.352/820 (610m) on LHS and km.350/960 to km.353/220 (2260m) km.350/500 to km.350/960 (460m) on RHS and crossing at km.352/210, km.350/500 in Trichy - Dindigul section of NH 38 (Old NH 45) under Jal Jeeven Mission, may be considered and recommended for according in-principle approval.

Yours faithfully

Encl: Proposal (2 Original + 1 copy)

*A.N. Praveen Kumar*  
21/03/2024  
(A.N. Praveen Kumar)  
DGM (T) & Project Director

Copy to:

1. Executive Engineer TWAD Board, Maintenance Division, Trichy, for information.
2. Team Leader, M/s. MSV, Trichy for information.
3. Project Manager, M/s. TDTRPL, for information



**CERTIFICATE**

Certified that, the proposed laying of water pipe line 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 water pipe line would be extremely difficult and unreasonable costly and the installation of water 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*  
*21/03/2024*

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





**CERTIFICATE**

Certified that, necessary entries have been made in the Register of permissions accorded for laying water pipe line by Executive Engineer, TWAD Board, RWS Division, Mannapparai, requesting permission for laying of water pipe line along the road from km.350/360 to km.350/500 (140m), km.352/210 to km.352/820 (610m) on LHS and km.350/960 to km.353/220 (2260m) km.350/500 to km.350/960 (460m) on RHS and crossing at km.352/210, km.350/500 in Trichy - Dindigul section of NH 83 (Old NH 45) under Jal Jeevan Mission in Page no. 61 in S. no. 1 (TWAD Volume )

*A.N. Praveen Kumar*  
*21/03/2024*

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



**TAMIL NADU WATER SUPPLY AND DRAINAGE BOARD**

NHAI - PIU - TRICHY	
20 FEB 2024	
Dy.No:	599
M(T)	
LAO	✓
SE-1	
SE-2	
SE-3	
Accounts	
YHE	
CO	

**From**  
**Er. T.Panneerselvam, B.E.,**  
**Executive Engineer**  
TWAD Board,  
Maintenance Division,  
J.K Nagar,Kajamalai P.O,  
Trichy -620 023  
**E.mail: eemaintry@gmail.com**  
**Contact No. - 0431- 2422203**

**To**  
**The Project Director,**  
National Highway Authority of India,  
Project Implementation Unit,  
New No:6 (Old No:44), First floor,  
III - Main road, Ponnagar,  
Trichy - 620 001

Lr.No.27/ CWSS to 141 Habs./F.NH 45/Pipe shifting/JDO/2022 /dt.07.02.2024

Sir,

**Sub:** NHAI -PIU, Trichy - Construction of 4 lane LVUP at Km 352 + 850 with 2 lane Service Road from Km 352 + 520 to Km 353 + 380 in Trichy - Dindigul NH 45 by NHAI Authority - Shifting of pipe line - Proposal already submitted-Revised Proposal resubmitted to take up the work under JJM - Reg.

**Ref:** 1.The Project Director, NHAI, PIU, Trichy Lr No: NHAI/PD/TRY/2020/ NH 45 / T-D /Blackspot/2022/ 321 / Dt. 25.02.2022  
2.T.O.Lr.No:817/ CWSS to 141 Habs./F.NH 45/Pipe shifting/JDO/2022 /dt17.08.2022  
3.T.O.Lr.No:1121/ CWSS to 141 Habs./F.NH 45/Pipe shifting/JDO/2022 /dt 21.11.2022  
4.G.O.(4D).No. :- 16/ MAWS Dept. (WS.1)/ Dated: 26.07.2022  
5. T.O.Lr.No: 1117/ CWSS to 141 Habs./F.NH 45/Pipe shifting/JDO/2022 /dt.17.11.2023  
6. The Project Director, NHAI, PIU, Trichy Lr No: NHAI/PD/TRY/NH 83 / Utility /2023/ 2345 / Dt. 30.11.2023  
7.The Team Leader, MMSV International inc. LR.No.MSV/Trichy/NHAI/IE-TL/2023-24/1807 Dated.05.12.2023  
8. T.O.Lr.No: 1229/ CWSS to 141 Habs./F.NH 45/Pipe shifting/JDO/2022 /dt.29.12.2023  
9. The Team Leader, MMSV International inc. LR.No.MSV/Trichy/NHAI/IE-TL/2023-24/1858 Dated.05.01.2024  
10. T.O.Lr.No: 119/ CWSS to 141 Habs./F.NH 45/Pipe shifting/JDO/2022 /dt.19.01.2024

\*\*\*\*\*



In continuation with the references cited above, it is stated that the proposal for 110 HDPE PN6 pipe from Km 352+210 to 352+820 on LHS has been included in the proposal due to the existing encasing pipe ends are inside of the service road. Based on the references and, the checklist along with the cross section of the pipeline has been submitted vide ref 10<sup>th</sup> cited for approval.

The undertaking also requested from the Team Leader, M/s, MSV International inc., Trichy for further processing of this proposal. Based on that, the detailed proposal with undertakings is also enclosed herewith for permission for replacement of pipeline in Construction of 4 lane LVUP at Km 352 + 850 with 2 lane Service Road from Km 352 + 520 to Km 353 + 380 in Trichy – Dindigul NH 45.

The maintenance works are also to be done immediately to solve the water supply issues in Samuthram Panchayat in Manapparai union. Hence, **it is requested that necessary permission may please given to carry out the work of shifting the pipeline at earliest.**

Encl: 1. Proposal Booklet – 2 Nos

  
**Executive Engineer,  
TWAD Board,  
Maintenance Division,  
Trichy.**



**TAMIL NADU WATER SUPPLY AND DRAINAGE BOARD**

**From**

**Er. T.Panneerselvam, B.E.,**

**Executive Engineer**

**TWAD Board,**

**Maintenance Division,**

**J.K Nagar,Kajamalai P.O,**

**Trichy -620 023**

**E.mail: [eeaintry@gmail.com](mailto:eeaintry@gmail.com)**

**Contact No. – 0431- 2422203**

**To**

**The Project Director,**

**National Highway Authority of India,**

**Project Implementation Unit,**

**New No:6 (Old No:44), First floor,**

**III – Main road, Ponnagar,**

**Trichy – 620 001**

<b>NHAI - PIU - TRICHY</b>	
<b>21 MAR 2024</b>	
<b>Dy.No:</b>	971
<b>M(T)</b>	
<b>LAO</b>	<input checked="" type="checkbox"/>
<b>SE-1</b>	
<b>SE-2</b>	
<b>SE-3</b>	
<b>Accounts</b>	
<b>YHE</b>	
<b>CO</b>	

Lr.No.318/ CWSS to 141 Habs./F.NH 45/Pipe shifting/JDO/2022 /dt.18.03.2024

Sir,

**Sub:** NHAI –PIU, Trichy – Construction of 4 lane LVUP at Km 352 + 850 with 2 lane Service Road from Km 352 + 520 to Km 353 + 380 in Trichy – Dindigul NH 45 by NHAI Authority – Shifting of pipe line - Revised Proposal resubmitted to take up the work under JJM– Drawings with Chainage submitted- Reg.

- Ref:**
- 1.The Project Director, NHAI, PIU, Trichy Lr No: NHAI/PD/TRY/2020/ NH 45 / T-D /Blackspot/2022/ 321 / Dt. 25.02.2022
  - 2.T.O.Lr.No:817/ CWSS to 141 Habs./F.NH 45/Pipe shifting/JDO/2022 /dt17.08.2022
  - 3.T.O.Lr.No:1121/ CWSS to 141 Habs./F.NH 45/Pipe shifting/JDO/2022 /dt.21.11.2022
  - 4.G.O.(4D).No. :- 16/ MAWS Dept. (WS.1)/ Dated: 26.07.2022
  5. T.O.Lr.No: 1117/ CWSS to 141 Habs./F.NH 45/Pipe shifting/JDO/2022 /dt.17.11.2023
  6. The Project Director, NHAI, PIU, Trichy Lr No: NHAI/PD/TRY/NH 83 / Utility /2023/ 2345 / Dt. 30.11.2023
  - 7.The Team Leader, MMSV International inc. LR.No.MSV/Trichy/NHAI/IE-TL/2023-24/1807 Dated.05.12.2023
  - 8.T.O.Lr.No: 1229/ CWSS to 141 Habs./F.NH 45/Pipe shifting/JDO/2022 /dt.29.12.2023
  9. The Team Leader, MMSV International inc. LR.No.MSV/Trichy/NHAI/IE-TL/2023-24/1858 Dated.05.01.2024
  - 10.T.O.Lr.No: 119/ CWSS to 141 Habs./F.NH 45/Pipe shifting/JDO/2022 /dt.19.01.2024
  - 11.T.O.Lr.No:27/ CWSS to 141 Habs./F.NH 45/Pipe shifting/JDO/2022 /dt.07.02.2024
  - 12.The Project Director, NHAI, PIU, Trichy Lr No: NHAI/PD/TRY/NH 83 /T-





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 - तिरुच्चै / Project Implementation Unit - Trichy  
नं.6, (पुराना नं.44), पहली मंजिल, III - मेन रोड, पानेनगर, तिरुचिरापल्लि - 620 001  
No. 6, (Old No. 44), 1st Floor, III-Main Road, Ponnagar, 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/NH 83/T-D/TWAD/2024/464

March 15, 2024

To  
The executive Engineer,  
TWAD Board,  
Maintenance Division,  
Trichy - 23

Sub: NHAI, PIU, TRICHY - Trichy - Dindigul section of NH 45 (New NH 83) - TWAD Board - CWSS - JJM - Retrofitting of CWSS to 100 Habs (formerly CWSS to 141 Habs) in Andhanallur and Manapparai unions under Jal Jeevan Mission for shifting of water pipeline along the road km.350/360 to km.350/500 (140m), km.352/210 to km.352/820 (610m) on LHS and km.350/960 to km.353/220 (2260m) km.350/500 to km.350/960 (460m) on RHS and crossing at km.352/210, km.350/500 - Certain clarification sought for - Reg

Ref: Executive Engineer TWAD Board, Maintenance Division, Trichy, letter no. 27/CWSS to 141 habs./F.NH-45/Pipe Shifting/ JDO/ 2022/ dt.07. 02.2024 (Recd on 20.02.2024)

Sir,

With reference to the subject mentioned proposal it is observed that, in the line drawing the chainage wise details with dia of pipe as 140mm for a length of 2260m and the remaining 1210m length with 110mm dia pipe, but as per cross section drawing it has been proposed 140mm dia of the entire length. It is therefore requested to confirm the chainage wise details of dia of pipe to be used to lay the pipeline along the road.

It is also to confirm that all the structures and road crossings, HDD method will be adopted while laying the pipeline.

Yours faithfully,

A.N. Praveen Kumar  
15/03/2024

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



# MSV INTERNATIONAL INC.

IN ASSOCIATION WITH

MSV INTERNATIONAL TECH PVT. LTD.

#185, 7th Cross, Cauvery Nagar Extension,  
Pirattiyur West, Pirattiyur, Trichy - 620 009.  
Tamil Nadu.



Email: msv.dindigulthanjavur@gmail.com

IE Services during O&M for Trichy to Dindigul & Tanjavur to Trichy (New NH 83) in the state of Tamil Nadu on BOT basis under NHDP Phase-III.

MSV/TRICHY/NHAI/IE-TL/2023-24/1954

To

**The Project Director,**  
Project Implementation Unit (PIU),  
New No.6 (Old No.44),  
First Floor, 3rd Main Road, Ponnagar  
**TIRUCHIRAPALLI - 620 001.**

NHAI-PIU-TRICHY	
- 9 MAR 2024	
Dy.No:	849
M(T)	
LAO	✓
SE-1	
SE-2	
SE-3	
Accounts	
YHE	
CO	

Date:08.03.2024

15/03/24

**Sub:** Independent Engineer during Operation & Maintenance Period for the stretches from Km.333/000 (Trichy) to Km.421/273 (Dindigul) section of New NH-83(Old NH-45) in the State of Tamil Nadu on BOT Basis under NHDP-Phase-III – TWAD board – TWAD Board CWSS - JJM Retrofitting of CWSS to 100 Habs (formerly CWSS to 141 Habs) in Andhanallur and Manapparai unions under Jal Jeevan Mission for shifting of water pipeline along the road km.350/360 to km.350/500 (140m), km.352/210 to km.352/820 (610m) on LHS and km.350/960 to km.353/220 (2260m) km.350/500 to km.350/960 (460m) on RHS and crossing at km.352/210, km.350/500 – IE's report-Reg.,

- Ref:**
1. NHAI/PD/TRY/NH 83/T-D/TWAD/202/345, dt.26.02.2024.
  2. Executive Engineer TWAD board, Maintenance Division, Trichy, Ltr.No.27/ CWSS to 141 habs./F.NH-45/ Pipe Shifting/JDO/2022 dt:07.02.2024(Recd.on 20.02.2024)
  3. MSV/TRICHY/NHAI/IE-TL/2023-24/1867,dt:11.01.2024
  4. NHAI e-mail, dt.10.01.2024
  5. MSV/TRICHY/NHAI/IE-TL/2023-24/1858, 05.01.2024
  6. Lr.No.1229/CWSS to 141 Habs./F.NH 45/Pipe shifting/JDO/2022, dt.29.12.2023 received on 05.01.2024
  7. MSV/TRICHY/NHAI/IE-TL/2023-24/1807, 05.12.2023
  8. NHAI/PD/TRY/NH 83/Utility/2023/2345, dt.30.11.2023
  9. EE, TWAD Board Maintenance Division, Trichy Lr.No.1117/CWSS to 141 Habs./F.NH 45/Pipe Shifting /JDO/2022, dt.17.11.2023.
  10. NHAI Hqrs., Policy Circular no.14.24/2023,dt:13.07.2023



# MSV INTERNATIONAL INC.

IN ASSOCIATION WITH

MSV INTERNATIONAL TECH PVT. LTD.

#185, 7th Cross, Cauvery Nagar Extension,  
Pirattiyur West, Pirattiyur, Trichy - 620 009.  
Tamil Nadu.



Email: msv.dindigulthanjavur@gmail.com

IE Services during O&M for Trichy to Dindigul & Tanjavur to Trichy (New NH 83) in the state of Tamil Nadu on BOT basis under NHDP Phase-III.

Dear Sir,

Project Director, PIU-Trichy vide ref.1<sup>st</sup> cited above requested Independent Engineer to submit a report on the subject regarding JJM Retrofitting of CWSS to 100 Habs (formerly CWSS to 141 Habs) in Andhanallur and Manapparai unions under Jal Jeevan Mission for shifting of water pipeline along the road km.350/360 to km.350/500 (140m), km.352/210 to km.352/820 (610m) on LHS and km.350/960 to km.353/220 (2260m) km.350/500 to km.350/960 (460m) on RHS and crossing at km.352/210(60m), km.350/500(60m) along the road by using Open Trench method having length of 3470m & across the road by using existing encasing for a length of 120m requested by Executive Engineer, TWAD Board Maintenance Division, Trichy vide ref.2<sup>nd</sup> on Trichy-Dindigul section of new NH-83 Project Highway.

Hence, Independent Engineer would like to report for laying water pipe line along and across of the project Highway with following conditions.

- I. TWAD board officials must follow the checklist during the execution.
- II. Water pipe line crossing should be executed by Horizontal Directional Drilling(HDD) method only. As per site condition there are existing 3 no's of Junctions at Chainages Km.352+150, Km.351+350 and Km.350+360. For these 3 junctions the Agency have to take up the crossing work through HDD method Only.
- III. During the execution work, all safety precaution measures should be taken by the Construction agency/TWAD board and should be followed and maintained as per MoRT&H specifications.
- IV. If any utilities services like Water supply pipeline, OFC cables, Electrical cable etc., exists care should be taken while executing. If any damages occur, it should be rectified by the agency at their own risk and cost and within stipulated time.
- V. While execution of work, there should not be any damages to Avenue plants, longitudinal drain and Main carriageway of the Project highway.
- VI. After completing the work, the Debris, temporary diversion should be removed beyond the Project highway ROW.





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Tamil Nadu.



Email: msv.dindigulthanjavur@gmail.com

IE Services during O&M for Trichy to Dindigul & Tanjavur to Trichy (New NH 83) in the state of Tamil Nadu on BOT basis under NHDP Phase-III.

In this regard, Independent Engineer herewith recommends the proposal towards JJM Retrofitting of CWSS to 100 Habs (formerly CWSS to 141 Habs) in Andhanallur and Manapparai unions under Jal Jeevan Mission for shifting of water pipeline along the road km.350/360 to km.350/500 (140m), km.352/210 to km.352/820 (610m) on LHS and km.350/960 to km.353/220 (2260m) km.350/500 to km.350/960 (460m) on RHS and crossing at km.352/210, km.350/500 along the road by using Open Trench method having length of 3470m & across the road by using existing encasing for a length of 120m with the above mentioned conditions on Trichy – Dindigul section of NH-83 on Project Highway.

This is for your kind information and further necessary action.

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

Yours faithfully,

**(K.M.GURUSWAMY)**

**Team Leader**

**Encl: Checklist**

**Cc:** 1. Executive Engineer, TWAD Board, Trichy for information & necessary action.  
2. Project Manager, M/s TDTRPL, for your information.



### CHECK - LIST

**Guidelines for Project Directors for processing the proposal for Water Pipe Line for Retrofitting of CWSS to 100 Habitations (Formerly CWSS to 141 Habs) in Andhanallur and Manapparai unions of Trichy District under Jal Jeevan Mission, in the land along the road and across National Highways vested with NHAI.**

• Relevant circulars

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

Check list for getting approval for laying of Water Pipe Line on NH land

S. No.	Item	Information' Status	Remarks
1	General Information		
1.1	Name and Address of the Applicant/Agency	EXECUTIVE ENGINEER, TWAD Board , Maintenance - Division, Trichy - 23	
1.2	National Highway Number	NH - 83	
1.3	State	Tamilnadu	
1.4	Location	Trichy - Dindigul Section	
1.5	(Chainage in km)	Along and Across the road LHS Km 350/360 to Km 350/500 (140m), Km 352/210 to Km 352/820 (610m) RHS Km 350/960 to Km 353/220 (2260m) Km 350,500 to Km 350/960 (460m) and Crossing using Existing (Encasing) at Km 352/210 (60m), Km 350/500 (60m)	
1.6	Length in Meters	3470 meters & 120 meters	
1.7	Width of available ROW		
	(a) Left side from center line towards increasing chainage/ km direction	30.00 meters	
	(b) Right side from center line towards increasing chainage/ km direction	30.00 meters	
1.8	Proposal to lay underground Water pipe line		
	(a) Left side from center line towards increasing chainage / km direction	30.00 meters	


  
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 TRICHY.

	(b) Right side from center line towards increasing chainage/ km direction	30.00 meters	
1.9	Proposal to acquire land	NA	
	(a) Left side from center line (b) Right side from center line		
1.10	Whether proposal is in the same side where land is not to be acquired If not then where to lay the Pipe	The water pipe shall be laid at the extreme end of ROW	
1.11	Details of already laid services, if any, along the proposed route	Nil	
1.12	Number of lanes (2/4 /6/8 lanes) existing	4 lane with Paved Shoulder	
1.13	Proposed Number of lanes (2 lane with paved shoulders/4 /6/8 lanes)	Nil	
1.14	Service road existing or not If yes then which side	No	
	(a) Left side from center line	Shown in the diagram	
	(b) Right side from center line	-	
1.15	Proposed Service road	-	
	(a) Left side from center line	-	
	(b) Right side from center line	-	
1.16	Whether proposal to lay Water Pipe line is after the service road or between the service road and main carriageway	Extreme Edge of ROW	
1.17	The permission for laying of Water Pipe line shall be considered for approval / rejection based on the Ministry Circulars mentioned as above. (a) 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. (b) Carrying of water pipe lines on bridges 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 bridge is finalized, they may be permitted to carry the pipeline on independent superstructure, supported 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 (c) 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. of the Ministry's Project Chief Engineers only.	Considered for approval based on the Ministries circular  N/A  N/A	

  
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 TRICHY



	(d) Services are not being allowed indiscriminately on 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.	N/A	
1.18	<b>If crossings of the road involved</b> If Yes, it shall be either encased in pipes or through structure or conduits specially built for that purpose at the expenses of the agency owning the line	Yes(using Existing Encasing)	
	(a) Existing drainage structures shall not be allowed to carry the lines.	Yes	
	(b) Is it on a line normal to NH	Yes	
	(c) Crossings 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	Yes	
	(d) The casing pipe (or conduit pipe in the case of pipe line) carrying the utility line shall be of steel, cast iron, or reinforced cement concrete and have adequate strength and be large enough to permit ready withdrawal of the carrier pipe/cable.	Yes	
	(e) Ends of the casing/conduit pipe shall be sealed from the outside, so that it does not act as a drainage path.	Yes	
	(f) The casing/conduit pipe should, as minimum extend from drain to drain incuts and toe of slope toe of slope in the fills.	Yes	
	(g) 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.	Yes	
	(h) Crossing shall be by boring method (HDD) specially where the existing road pavement is of cement concrete or dense bituminous concrete type.	Yes	
	(i) The casing/conduit pipe shall be installed with an even bearing throughout its length and in such a manner as to prevent the formation of a waterway along it.	Yes	

  
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TRICKS



	(c) The backfill shall be completed in two stages (i) side – fill to the level of the top of the pipe and (ii) overfill to the bottom of the road crust.	Yes	
	(d) The side fill shall consist of granular material laid in 15 cm layers each consolidated by mechanical tampering and controlled addition of moisture to 95% of the Proctor's Density. Overfill shall be compacted to the same density as the material that had been removed. Consolidation by saturation or ponding will not be permitted.	Yes	
	(e) The road crust shall be built 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	
	(f) The excavation shall be protected by flagman, signs and barricades, and redlights during night hours.	Yes	
	(g) 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 Pipe Line through CD works and method of laying	No.	
3	Draft License Agreement signed by two witnesses	Yes, enclosed with proposal	
4	Performance Bank Guarantee in favour of NHAI has to be obtained @ 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.	Would be obtained after approval of the proposal	
4.1	Performance BG as per above is to be obtained.	Applicable at a later date	


  
EXECUTIVE ENGINEER  
TWAD BOARD  
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TRICHY

4.2	Confirmation of BG has been obtained as per NHAI guidelines	BG should be submitted as per NHAI GUIDELINES	
5	Affidavit / Undertaking from the Applicant for	Yes	
5.1	Not to Damage to other utility, if damaged then to pay the losses either to NHAI or to the concerned agency	Yes, enclosed with proposal	
5.2	Renewal of Bank Guarantee	Yes, will be obtained after submission of BG.	
5.3	Confirming all standard condition of NHAI's guideline	Yes, enclosed with proposal	
5.4	Shifting of Water pipe line as and when required by NHAI at their own cost	Yes, enclosed with proposal	
5.5	Shifting due to 6 lanning with paved shoulder / widening of NH	Yes, enclosed with proposal	
5.6	Indemnity against all damages and claims clause (xxiv)	Yes, enclosed with proposal	
5.7	Traffic movement during laying of Water pipe line to be managed by the applicant	Yes, enclosed with proposal	
5.8	If any claim is raised by the Concessionaire then the same has to be paid by the applicant	Yes, enclosed with proposal	
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 pipe line located in the National highway right-of-ways	Yes, enclosed with proposal	
5.10	Expenditure, if any, incurred by NHAI 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 line.	Yes, enclosed with proposal	
5.11	If the NHAI considers it 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, enclosed with proposal	

  
**EXECUTIVE ENGINEER**  
**TWAD BOARD**  
**MAINTENANCE DIVISION**  
**TRICHY**



5.12	<p>Certificate from the applicant in the following format</p> <p>(i) Laying of Water pipe line will not have any deleterious effects on any of the bridge components and roadway safety for traffic.</p> <p>(ii) for 6-lanning with paved shoulder "We do undertake that I will relocate service road/approach road/utilities at my own cost notwithstanding the permission granted within such time as will be stipulated by NHAI" for future six-lanning or any other development.</p>	Yes, enclosed with proposal	
6.	Who will sign the agreement on behalf of Water pipe line agency	EXECUTIVE ENGINEER, TWAD Board, Maintenance Division, Trichy - 23	
7	Certificate from the Project Director		
7.1	<p>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- 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&amp;R dated 25.10.1999 and Ministry Circular No. RW/NH-34066/7/2003 S&amp;R (B) dated</p>	<p>Yes.</p> <p>NO.RW/NH-33044/29/2015/S&amp;R(R) Dt-22-11-2016</p> <p>NO.RW/NH-37011/521 2020-BP &amp; SP dt 15-01-2021</p>	
7.2	<p>Certificate from PD in the following format</p> <p>(i) "It is certified that any other location of the Water pipe line would be extremely difficult and unreasonable costly and the installation of Water pipe line within ROW will not adversely affect the design, stability &amp; traffic safety of the highway nor the likely future improvement such as widening of the carriageway, easing of curve etc"</p> <p>(ii) for 6-lanning</p> <p>(a) Where feasibility is available "I do certify that there will be no hindrance to proposed six-lanning based on the feasibility report considering proposed structures at the said location"</p> <p>(b) In case feasibility report is not available "I do certify that sufficient ROW is available at site for accommodating proposed six-lanning"</p>	<p>Yes</p> <p>Yes</p>	


  
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 TRICHY

8	If NH section proposed to be taken up by NHAI on BOT basis - a clause is to be inserted in the agreement. "The permitted Highway on which Licensee has been granted the right to lay cable/duct has also been granted as a right of way to the concessionaire under the concession agreement for up-gradation of [Trichy – Dindigul Section] Along and Across the road LHS Km 350/360 to Km 350/500 (140m), Km 352/210 to Km 352/820 (610m) RHS Km 350/960 to Km 353/220 (2260m) Km 350/500 to Km 350/960 (460m) and Crossing using Existing (Encasing) at Km 352/210 (60m), Km 350/500 (60m) of NH-83. on Build, Operate and Transfer Basis] and therefore, the licensee shall honour the same."	Yes	
9	Who will supervise the work of laying of Water pipe line	Consultants and relevant field Officers of NHAI.	
10	Who will ensure that the defects in road portion after laying of Water pipe line are corrected and if not corrected then what action will be taken.	EE/TWAD/ Maintenance /Trichy	
11	Who will pay the claims for damages done/disruption in working of Concessionaire if asked by the Concessionaire.	the nature and seriousness of damages.	
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).	EE/TWAD/ Maintenance - /Trichy	
13	If any previous approval is accorded for laying of underground Water pipe line then Photocopy of register of records of permissions accorded as maintained by PD then copy be enclosed	Yes, Enclosed	
		N/A	

Project Director

NHAI

TRICHY. - PI

  
EXECUTIVE ENGINEER  
TWAD BOARD  
MAINTENANCE DIVISION  
TRICHY



	(c) The backfill shall be completed in two stages (i) side -- fill to the level of the top of the pipe and (ii) overfill to the bottom of the road crust.	Yes	
	(d) The side fill shall consist of granular material laid in 15 cm layers each consolidated by mechanical tampering and	Yes	
	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. (e) The road crust shall be built 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	
	(f) The excavation shall be protected by flagman, signs and barricades, and redlights during night hours.	Yes	
	(g) 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 Pipe Line through CD works and method of laying	No.	
3	Draft License Agreement signed by two witnesses	Yes, enclosed with proposal	
4	Performance Bank Guarantee in favour of NHAI has to be obtained @ 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.	Would be obtained after approval of the proposal	
4.1	Performance BG as per above is to be obtained.	Applicable at a later date	

  
EXECUTIVE ENGINEER  
TWAD BOARD  
MAINTENANCE DIVISION  
TRICHY

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


4.2	Confirmation of BG has been obtained as per NHAI guidelines	BG should be submitted as per NHAI GUIDELINES	
5	Affidavit / Undertaking from the Applicant for	Yes	
5.1	Not to Damage to other utility, if damaged then to pay the losses either to NHAI or to the concerned agency	Yes, enclosed with proposal	
5.2	Renewal of Bank Guarantee	Yes, will be obtained after submission of BG.	
5.3	Confirming all standard condition of NHAI's guideline	Yes, enclosed with proposal	
5.4	Shifting of Water pipe line as and when required by NHAI at their own cost	Yes, enclosed with proposal	
5.5	Shifting due to 6 lanning with paved shoulder / widening of NH	Yes, enclosed with proposal	
5.6	Indemnity against all damages and claims clause (xxiv)	Yes, enclosed with proposal	
5.7	Traffic movement during laying of Water pipe line to be managed by the applicant	Yes, enclosed with proposal	
5.8	If any claim is raised by the Concessionaire then the same has to be paid by the applicant	Yes, enclosed with proposal	
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 pipe line located in the National highway right-of-ways.	Yes, enclosed with proposal	
5.10	Expenditure, if any, incurred by NHAI 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 line.	Yes, enclosed with proposal	
5.11	If the NHAI considers it 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, enclosed with proposal	


  
EXECUTIVE ENGINEER  
TWAD BOARD  
MAINTENANCE DIVISION  
TRICHY.

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




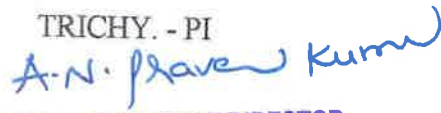
5.12	<p>Certificate from the applicant in the following format</p> <p>(i) Laying of Water pipe line will not have any deleterious effects on any of the bridge components and roadway safety for traffic.</p> <p>(ii) for 6 -laning with paved shoulder "We do undertake that I will relocate service road/approach road/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."</p>	Yes, enclosed with proposal	
6.	Who will sign the agreement on behalf of Water pipe line agency	EXECUTIVE ENGINEER, TWAD Board, Maintenance Division, Trichy - 23	
7	<b>Certificate from the Project Director</b>		
7.1	<p>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- 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&amp;R dated 25.10.1999 and Ministry Circular No. RW/NH-34066/7/2003 S&amp;R (B) dated</p>	<p>Yes.</p> <p>NO.RW/NH-33044/29/2015/S&amp;R(R) Dt-22-11-2016</p> <p>NO.RW/NH-37011/521 2020-BP &amp; SP dt 15-01-2021</p>	
7.2	<p>Certificate from PD in the following format</p> <p>(i) "It is certified that any other location of the Water pipe line would be extremely difficult and unreasonable costly and the installation of Water pipe line within ROW will not adversely affect the design, stability &amp; traffic safety of the highway nor the likely future improvement such as widening of the carriageway, easing of curve etc".</p> <p>(ii) for 6 -laning</p> <p>(a) Where feasibility is available "I do certify that there will be no hindrance to proposed six-laning based on the feasibility report considering proposed structures at the said location".</p> <p>(b) In case feasibility report is not available "I do certify that sufficient ROW is available at site for accommodating proposed six-laning".</p>	<p>Yes</p> <p>Yes</p>	

  
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TWAD BOARD  
MAINTENANCE DIVISION  
TRICHY 40

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

8	If NH section proposed to be taken up by NHAI on BOT basis - a clause is to be inserted in the agreement. "The permitted Highway on which Licensee has been granted the right to lay cable/duct has also been granted as a right of way to the concessionaire under the concession agreement for up-gradation of [Trichy – Dindigul Section] Along and Across the road LHS Km 350/360 to Km 350/500 (140m), Km 352/210 to Km 352/820 (610m) RHS Km 350/960 to Km 353/220 (2260m) Km 350/500 to Km 350/960 (460m) and <u>Crossing using Existing (Encasing)</u> at Km 352/210 (60m), Km 350/500 (60m) of NH-83. on Build, Operate and Transfer Basis] and therefore, the licensee shall honour the same."	Yes	
9	Who will supervise the work of laying of Water pipe line	Consultants and relevant field Officers of NHAI.	
10	Who will ensure that the defects in road portion after laying of Water pipe line are corrected and if not corrected then what action will be taken.	EE/TWAD/ Maintenance /Trichy	
		the nature and seriousness of damages.	
11	Who will pay the claims for damages done/disruption in working of Concessionaire if asked by the Concessionaire.	EE/TWAD/ Maintenance /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).	Yes, Enclosed	
13	If any previous approval is accorded for laying of underground Water pipe line then Photocopy of register of records of permissions accorded as maintained by PD then copy be enclosed	N/A	

  
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TRICHY.

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



**Annexure-I**

**Conditions to be enclosed/incorporated in the approval letter for  
permission for laying of Water pipe line CWSS 100 Habitations  
(Formerly CWSS to 141 Habs) in Andhanallur and Manapparai  
unions of Trichy District Under Jal Jeevan Mission**

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 tampering and controlled addition of moisture to 95% of the Proctor's Density. Overfill shall be compacted to the same density as the material that had been removed. Consolidation by saturation or ponding will not be permitted.
  - (f) The road crust shall be built to the same strength as the existing crust on either side of the trench or to thickness and specifications stipulated by the Highways Authority. Care shall be taken to avoid the formation of a dip at the trench.
  - (g) The excavation shall be protected by flagman, signs and barricades, and red lights during night hours.
15. If needed, a diversion shall be constructed at the expense of agency owning the Water 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 29 JAN 2024

DW 354337

S.GOVINDARAJ, S.V  
No.46, HEBER ROAD,  
CANTONMENT, TRICHY 1  
L.No.04/2021/TRY  
Ph: 94435-44733

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

Agreement to laying of Water Pipe Line for CWSS 100 Habitations ( Formerly CWSS to 141 Habs) in Andhanallur and Manapparai unions of Trichy District Under Jal Jeevan Mission for Shifting of Water pipeline in NH-83 (Trichy-Dindigul Section) Along and Across the road LHS Km 350/360 to Km 350/500 (140m), Km 352/210 to Km 352/820 (610m) RHS Km 350/960 to Km 353/220 (2260m) Km 350/500 to Km 350/960 (460m) and Crossing using Existing (Encasing) at Km 352/210 (60m), Km 350/500 (60m) For a Total length of 3.47 Kms & 0.12 Kms of Trichy-Dindigul Section (NH-83) in the state of Tamil Nadu, National Highways, Trichy.

This Agreement made this \_\_\_\_\_ day of \_\_\_\_\_ (month) of (year) between \_\_\_\_\_ acting in his executive capacity through Regional Officer, National Authority of India 2<sup>nd</sup>, 3<sup>rd</sup> Floor, Vijay Krishna Plaza, Mattuthavani, Madurai 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, Tamil Nadu Water Supply And Drainage Board, Maintenance Division, Trichy - 23, Tamil Nadu State, (hereinafter called the "Licensee") which expression shall unless excluded by repugnant to the context, include his successors / administrator assignees on the second part.

  
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Whereas the Authority is responsible, inter-alia, for development and maintenance of lands Along and Across the road LHS Km 350/360 to Km 350/500 (140m), Km 352/210 to Km 352/820 (610m) RHS Km 350/960 to Km 353/220 (2260m) Km 350/500 to Km 350/960 (460m) and Crossing using Existing (Encasing) at Km 352/210 (60m), Km 350/500 (60m) For a total length of 3.47 Kms & 0.12 Kms of Trichy – Dindigul Section (NH - 83) in the state of Tamil Nadu, National Highways, Trichy.

Whereas the Licensee Proposes to lay Telecom cable / OFC cable / electrical cable Line / Pipe line / ducts etc., referred to as utility services in subsequent paras.

Whereas the Licensee has applied to the Authority for permission to lay utility services Along and Across the road LHS Km 350/360 to Km 350/500 (140m), Km 352/210 to Km 352/820 (610m) RHS Km 350/960 to Km 353/220 (2260m) Km 350/500 to Km 350/960 (460m) and Crossing using Existing (Encasing) at Km 352/210 (60m), Km 350/500 (60m) For a total length of 3.47 Kms & 0.12 Kms of Trichy – Dindigul Section (NH - 83) in the state of Tamil Nadu, National Highways, Trichy.

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 witnesseth 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 permissions to lay utility services as per the approved drawing attached hereto subject to the following conditions, namely:

1. Row permissions are only enabling in nature. The purpose of extending the way leave facility on the National Highway. Row is not for enhancing the scope of activity of a utility service provider, either by content or by intent. Further, enforceability of the permission so granted shall be restricted only to the extent of provisions / scope of activities defined in the license agreement & for the purpose for which it is granted.
2. No Licensee shall claim exclusive right on the Row and any subsequent user will be permitted to use the Row, either above or below, or by the side of the utilities laid by the first user, subject to technical requirements being fulfilled, Decision of the Authority in relation to fulfilment of technical requirements shall be final and Binding on all concerned parties. In case any disruption / damage is caused to any existing user by the subsequent user, the Authority shall not be held accountable or liable in any manner.

  
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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 Licensee fee shall become payable from the date of handing over of Row land to the Licensee, for laying of utilities/electrical cables lines/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. 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 a wide utility corridor on either side of the extreme edge of Row. In cases where utility ducts with sufficient space are already available along NH, the utility services shall be laid in such ducts subject to technical requirements being fulfilled.
7. The Utility services shall be laid at the edge of the RoW. In case of restricted width of RoW, which may be adequate only to accommodate the carriageway, central verge, shoulders, slopes of embankment , drains, other road side furniture etc: the utility services shall be laid beyond the toe line of the embankments and clear of the drain.
8. The Licensee shall make his own arrangement for crossing of cross drainage structure, rivers, etc. below the bed. In case, this is not feasible, the utility services may be carried outside the railings/ parapets and the bridge superstructure. The fixing and supporting arrangement with all details shall be required to be approved in advance from the concerned Highway Administration. Additional cost on account of fixing and supporting arrangement as assessed by the authority shall be payable by the Licensee.
9. In exceptional cases, where RoW is restricted the utility services can be allowed beneath the carriageway of service road, if available, subject to the condition that the utility services be laid in concrete ducts, which will be designed to carry traffic on top. The width of the duct shall not be less than one lane. In such cases, it also needs to ensure that maintenance of the utility services shall not interfere with the safe and smooth flow of traffic. The cost of operation and maintenance will have to be borne by the Licensee.

  
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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 metre below the ground level. However any structure above ground shall be aesthetically provided for / landscaped with required safety measures as directed by the concerned Authority.
11. The utility services shall be permitted to cross the National Highway either through structure or conduits specially built for that purpose. The casing /conduit pipe should, as minimum, extend from drain to drain in cuts and toe of slope to toe of slope in the fills and shall be designed in accordance with the provision of IRC and executed following the specifications of the Ministry.
12. Existing drainage structures shall not be allowed to carry the lines across.
13. The top of the electrical cable line containing the utility services to cross the road shall be at least 11m top of the existing road level whichever is lower. A typical sketch showing the clearances is given in Attachment-I.
14. The utility services shall cross the National Highway preferable on a line normal to it or as nearly so as practicable.
15. The casing/conduit pipe for crossing the road may be installed under the road embankment either by boring or digging a trench. Installation by boring method shall be preferred.
16. In case of trenching, the sides of the trench should be done as nearly vertical as possible. The trench width should be at least 30cm. but not more than 60cms 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 30cm. 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 15cm. 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 has been removed. Consolidation by saturation or ponding 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.

  
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17. The Licensee shall ensure making good the excavated trench for laying utility services by proper filling and compaction, so as to restore the land in to the same condition as it was before digging the trench, clearing debris/loose earth produced due to execution of trenching at least 50m away from the edge of the right of way.
18. All required restoration work subsequent to laying of the cable shall be required to be undertaken by the Licensee at its cost either by itself or through its authorized representative in consultation with the authority as per predetermined time schedule and quality standards.
19. Prior to commencement of any work on the ground, a performance Bank guarantee @Rs. Per route metre /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 any services etc. in case of licensee failing to discharge the obligation of making good of the excavated trench/other restoration work, the Authority shall have a right to make good the damages caused by excavation, at the cost of the Licensee and recover the amount by forfeiture of the Bank Guarantee.
20. In case, the Performance Bank guarantee is invoked as mentioned above, the Licensee shall be required to replenish and reinstate the required Performance Bank Guarantee within one month of such invoking. In case the work contemplated herein is not completed to the satisfaction of the Authority, which has granted the permission, within a period of 11 months from the date of issue of the Bank Guarantee, the Licensee shall either furnish a fresh guarantee or extend the guarantee for a further period of one year. Notwithstanding this, the Licensee shall be liable to pay full compensation to the aggrieved Authority/its designated agency for any damage sustained by them by reason of the exercise of the RoW facility.
21. The Licensee shall shift the utility services within 90 days (or as specified by the respective authority) from the date of issue of the notice by the concerned authority to shift/relocate the utility services, in case it is so required for the purpose of improvement/widening of the road/route/highway or construction of flyover/bridge and restore the road/land to its original condition at his own cost and risk.
22. The Licensee shall be responsible to ascertain from the respective agency in co-ordination with Authority, regarding the location of other utilities/underground installations/facilities etc. The Licensee shall ensure the safety and security of already existing underground installations / utilities / facilities etc. before commencement of the excavation /using the existing cable ducts. The Licensee shall procure insurance from a reputed insurance company against damages to already existing underground installations/utilities/facilities etc.

  
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23. The Licensee shall be solely responsible / liable for full compensation/indemnification of concerned agency / aggrieved Authority for any direct, indirect or consequential damage caused to them / claims or replacements sought for, at the cost and risk of the Licensee. The concerned agency in co-ordination with Authority shall also have a right make good such damages/recover the claims by forfeiture of Bank Guarantee.
24. If the licensee fails to comply with any condition to the satisfaction of the Authority, the same shall be executed by the Authority at the cost and risk of the Licensee.
25. Grant of Licensee is subject to the Licensee satisfying (a) minimum disruption of traffic and (b) no damage to the highways. As far as possible, the Licensee should avoid cutting of the road for crossing highway, and other roads and try to carry out the work by trenchless technology. In case any damage is caused to the road pavement in this process, the Licensee will be required to restore the road to the original condition at its cost. If due to unavoidable reasons the road needs to be cut for crossing or laying utility services, the Licensee has to execute the restoration work in a time bound manner at its cost either by itself or through its authorised 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 furnished by the Licensee.
27. Each day, the extent of digging the trenches should be strictly regulated so that utility services is laid and trenches filled up before the close of the work that day, filling should be completed to the satisfaction of the concerned agency designated by the Authority.
28. The Licensee shall indemnify the concerned agency in co- ordination with Authority, against all damages and claims, if any due to the digging of trenches for laying cables/ducts.
29. The permission for laying utility services is granted maximum for 5 years at a time, which can thereafter be considered for renewal. On payment of additional fee at the time of renewal, the permission shall automatically be renewed, unless defaults exist. In case of renewal, rate prevailing at the time of renewal shall be charged. Delay in deposition of fee shall attract interest @ 15% per annum compounded annually.
30. The permission shall be valid only for it is issued and fee deposited. However, the Authority also has a right to terminate the permission or to extend the period of Agreement.

  
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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/and/property. Other than what is herein expressly granted. No use of NH RoW will be permitted for any purpose other than that specified in the Agreement.
33. During the subsistence of this Agreement, the utility services located in highway land / property shall be deemed to have been constructed and continued only by the consent and permission of the Authority so that the right of the Licensee to the use thereof shall not become absolute and indefeasible by lapse of time.
34. The Licensee shall bear the Stamp Duty charged on this Agreement.
35. Three copies of 'as laid drawings' of utilities (hard and soft copies) with 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 authorised representatives of Authority to inspect the Project Facilities and to investigate any matter within their Authority, and upon reasonable notice, shall provide reasonable assistance necessary to carry out their respective duties and functions.
37. The Utility services shall not be made operational by the Licensee unless a completion certificate to the effect that the utility services has been laid in accordance with the approved specifications and drawings and the trenches have been filled up to the satisfaction of the concerned agency in co-ordination with the Authority has been obtained. Notwithstanding anything contained herein, this Agreement may be 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 cancellations nor shall it be absolved from any liability already incurred.
38. The Licensee shall ensure adherence to relevant Indian standards and follow best industry practices, methods and standards for the purpose of ensuring 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.

  
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39. The Licensee shall have to provide safety measures like barricading, danger lighting and other necessary caution boards while executing the work.
40. While laying utility services, at least one lane of road shall be kept open to traffic at all times. In case of single lane roads, a diversion shall be constructed. If any traffic diversion works are found necessary during the working period such diversion shall be provided at the cost of Licensee.
41. After the termination/expiry of the agreement, the Licensee shall remove the utility services within 90 days and the site shall be brought back to the original condition failing which the Licensee will lose the right to remove the utility services. However before taking up the work of removal of utility services the Licensee shall furnish a Bank Guarantee to the Authority for a period of one year for an amount assessed by the Authority as a security for making good the excavated trench by proper filling and compaction, clearing debris, loose earth produced due to excavation of trenching at least 50m away from the edge of the Row.
42. Any disputes in interpretation of the terms and condition of this agreement or their implementation shall be referred to the redress mechanism prevailing in the ministry and the decision of the redress mechanism shall be final and binding on all.
43. For PPP Projects, in case of any financial loss incurred by the respective project concessionaires due to such laying/shifting of utility 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.


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

SIGNED SEALED AND DELIVERED FOR AND ON BEHALF OF AUTHORITY.


BY SHRI \_\_\_\_\_  
(Signature , name & address with stamp)

**SIGNED ON BEHALF OF** The Executive Engineer, Tamilnadu Water Supply And Drainage Board,  
Maintenance Division, TWAD Integrated  
**Office complex, No.35, J.K. Nagar, Trichy- 23. Tamilnadu State, (LICENSEE)**

BY SHRI  T. Parameswar Swam  
(Signature, ~~EXECUTIVE ENGINEER~~ with stamp)  
**TWAD BOARD  
MAINTENANCE DIVISION  
TRICHY.**

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

1.   
**Assistant Executive Engineer.**  
**TWAD Board,**  
**Maintenance Sub Division**  
**Trichy**  
(*IC-THANJAVUR*)

2.   
**Assistant Engineer**  
**TWAD Board**  
**Maintenance Sub Division**  
**Trichy**  
**[B. JAGADEE SANJ]**





தமிழ்நாடு தமில்நாடு TAMILNADU 29 JAN 2024

DW 354338

S.GOVINDARAJ, S.V  
No.46, HYDERABAD ROAD,  
CANTONMENT, TRICHY 1  
L.No.04/2021/TRY  
Ph: 94435-44733  
Annexure-V

### UNDERTAKING

We, Tamilnadu Water Supply And Drainage Board, Maintenance Division, TWAD Integrated Office complex, :- No.35, J.K. Nagar, Trichy- 23. Tamilnadu State Laying of Water Pipe Line for

CWSS 100 Habitations (Formerly CWSS to 141 Habs) in Andhanallur and Manapparai unions of Trichy District Under Jal Jeevan Mission Along and Across the road LHS Km 350/360 to Km 350/500 (140m), Km 352/210 to Km 352/820 (610m) RHS Km 350/960 to Km 353/220 (2260m) Km 350/500 to Km 350/960 (460m) and Crossing using Existing (Encasing) at Km 352/210 (60m), Km 350/500 (60m) For a total length of 8.39 Kms & 0.36 Kms of Trichy- Dindigul Section (NH - 83) in the state of Tamil Nadu.

We hereby undertake the Standard Conditions of NHAI Guidelines:

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 electrical cable line, underground installation/utilities etc, Tamilnadu Water Supply And Drainage Board shall be responsible to ascertain from the respective agency in coordination with NHAI. Tamilnadu Water Supply And Drainage Board shall ensure the safety and security of already existing cables/underground installation/utilities facilities etc. before commencement of the excavation.

  
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MAINTENANCE DIVISION  
TRICHY.

2. **Renewal of Bank Guarantee:** Tamilnadu Water Supply And Drainage Board 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 of water pipe line 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 Tamilnadu Water Supply And Drainage Board 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 The Tamilnadu Water Supply And Drainage Board shall either furnish a fresh guarantee or extend the guarantee for a further period of one year. In case of Tamilnadu Water Supply And Drainage Board 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 Tamilnadu Water Supply And Drainage Board and recover the amount by invoking the bank guarantee furnished by Tamilnadu Water Supply And Drainage Board.
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 Laying of Water pipe line shall be laid at the edge of the right of way within 2m utility corridors.
  - (iii) The licensee has to cross the NH In case any damage is caused to the road pavement in this process, Tamilnadu Water Supply And Drainage Board will be required to restore the same to the original condition at his own cost.
  - (iv) No trenching will be done on link road, boring method will be used in link road and Water pipe line will be laid at the extreme edge of the road in the non-BT surface only.
  - (v) 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 Tamilnadu Water Supply And Drainage Board.
  - (vi) Each day, the extent of Water pipe line should be strictly regulated so that pipe 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.
  - (vii) The Licensee shall indemnify the concerned agency in co-ordination with NHAI, against damages and claims, if any, due to the laying of Water pipe line.

  
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- (viii) The NHAI has a right to terminate the permission or to extend the period of agreement. In case the Tamilnadu Water Supply And Drainage Board wants shifting, repairs or alteration to Water pipe line, he will have to furnish a separate bank guarantee.
- (ix) 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.
- (x) The permission granted shall not in any way be deemed to convey to Tamilnadu Water Supply And Drainage Board any ownership right or any interest in route/road/highway/ land/ property, other than what is herein expressly granted.
- (xi) During the subsistence of this agreement, the laying of Water pipe line 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 Tamilnadu Water Supply And Drainage Board to the use thereof shall not become absolute and indefeasible by laps of time.
- (xii) Tamilnadu Water Supply And Drainage Board shall bear the stamp duty charged for the agreement.
- (xiii) The Water pipe line shall not be brought in to use by Tamilnadu Water Supply And Drainage Board 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.
- (xiv) Not with tanding anything NHAI contained herein this agreement may be cancelled at any time by the for breach of any condition of the same and the Tamilnadu Water Supply And Drainage Board 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.
- (xv) 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 Tamilnadu Water Supply And Drainage Board 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.
- (xvi) 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 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 Tamilnadu Water Supply And Drainage Board.

  
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TWAD BOARD  
MAINTENANCE DIVISION  
TRICHY



4. **Shifting of Water pipe line as and when required by NHAI:** Tamilnadu Water Supply And Drainage Board shall shift the Water pipe line within 90 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
5. **Shifting due to 6 lining / widening of NH:** After the termination/expiry of the agreement, Tamilnadu Water Supply And Drainage Board shall remove the water pipe line within 90 days and the site shall be brought back to the original condition failing which the Tamilnadu Water Supply And Drainage Board will lose the right to remove the water pipe line. However, before taking up the work of removal of water pipe line the Tamilnadu Water Supply And Drainage Board 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.
6. **Traffic movement during laying of Water pipe line 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 Tamilnadu Water Supply And Drainage Board.
7. **If any claim is raised by the concessionaire then the same has to be paid by the applicant:** Tamilnadu Water Supply And Drainage Board 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 Tamilnadu Water Supply And Drainage Board. 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 Tamilnadu Water Supply And Drainage Board. If Tamilnadu Water Supply And Drainage Board fails 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 Tamilnadu Water Supply And Drainage Board.
8. **We, Tamilnadu Water Supply And Drainage Board, Tamilnadu Water Supply And Drainage Board, Maintenance Division, Tamilnadu State,** 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, Tamilnadu Water Supply And Drainage Board. Failing to discharge the obligation of making good the damages caused due to erection, the NHAI shall have a right to make good the damages caused due to erection at the cost of the Tamilnadu Water Supply And Drainage Board. 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

  
**EXECUTIVE ENGINEER**  
**TWAD BOARD**  
**MAINTENANCE DIVISION**  
**TRICHY.**

- of 11 months from the date of issue of the Bank Guarantee, Tamilnadu Water Supply And Drainage Board. Shall either furnish a fresh guarantee or extend the guarantee for a further period of one year.
9. Not to damage to other utility, if damaged, then to pay the losses either to NHAI or to the concerned agency.
10. 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 Guarantees, Tamilnadu Water Supply And Drainage Board shall either furnish a fresh guarantee or extend the guarantee for a further period of one year.
11. We will relocate Pipe lines/Utilities at our own cost, notwithstanding the permission granted within such time as will be stipulated by NHAI "for future six-lining or any other development."  
We, Tamilnadu Water Supply And Drainage Board, Maintenance Division, TWAD Integrated Office complex No.35, J.K.Nagar, Trichy- 23 . Tamilnadu State, hereby undertake that "The existing avenue plantation is not affect due to the present proposed water pipe line for CWSS 100 Habitations (Formerly CWSS to 141 Habs) in Andhanallur and Manapparai unions of Trichy District Under Jal Jeevan Mission Along and Across the road LHS Km 350/360 to Km 350/500 (140m), Km 352/210 to Km 352/820 (610m) RHS Km 350/960 to Km 353/220 (2260m) Km 350/500 to Km 350/960 (460m) and Crossing using Existing (Encasing) at Km 352/210 (60m), Km 350/500 (60m) For a total length of 3.47 Kms and 0.12 Kms of Trichy – Dindigul Section (NH - 83) in the state of Tamil Nadu".
12. We, Tamilnadu Water Supply And Drainage Board, Maintenance Division, Trichy - 23 Tamilnadu State, 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.
13. We, Tamilnadu Water Supply & Drainage Board, Maintenance Division, Trichy -23 ,Tamilnadu State. Hereby undertake that as per NHAI policies for Avenue plantations maintained, while laying water pipe line if any plants damaged will be replaced by 1:10 ratio as per NHAI policies.
14. 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 constant 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.



Executive Engineer,  
TWAD Board , Maintenance Division, Trichy - 23  
(Authorized Signatory)





தமிழ்நாடு தமில்நாடு TAMILNADU 29 JAN 2024

BH 693056

S.GOVINDARAJ, S.V.  
No.46, HEBER ROAD,  
CANTONMENT, TRICHY.  
L.No.04/2021/TRY  
Ph: 94435-44733

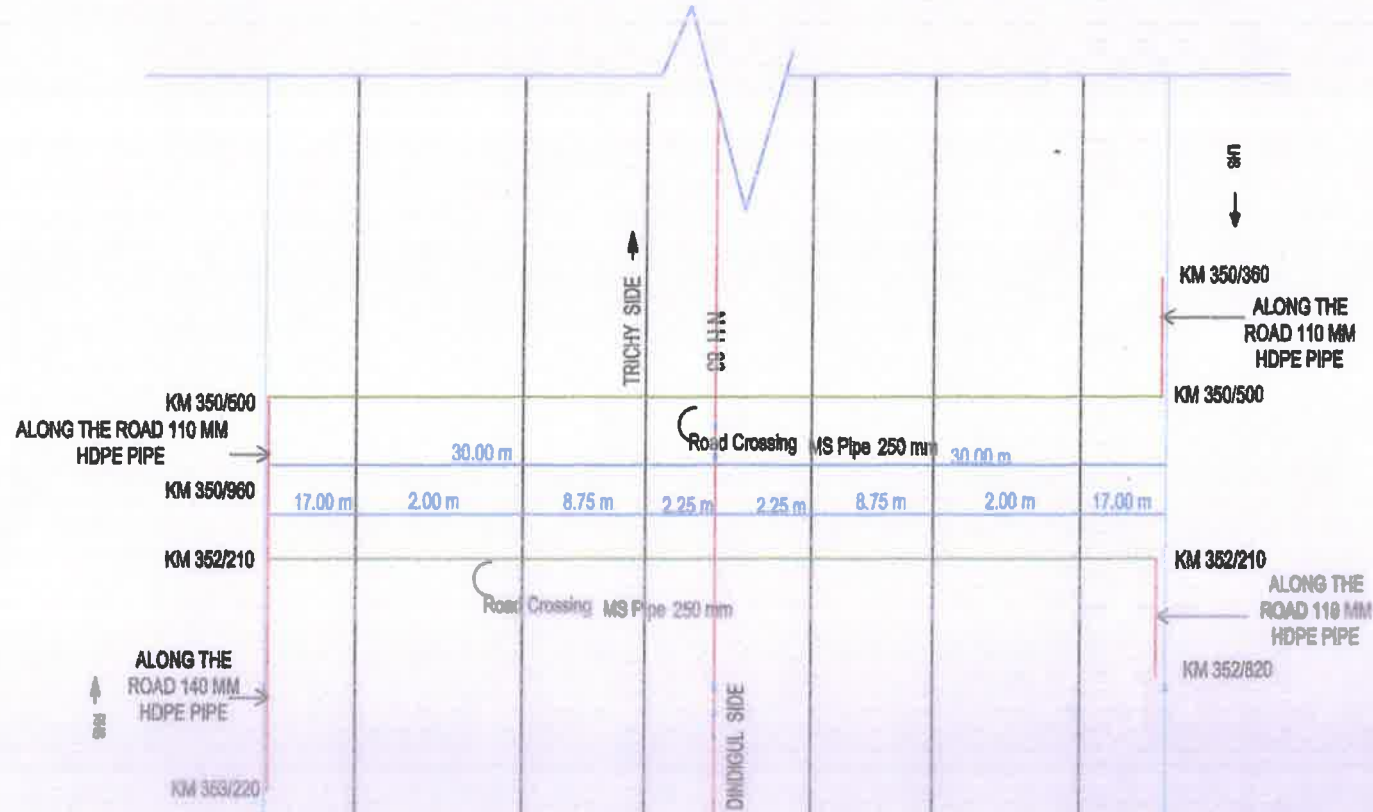
### INDEMNITY BOND

**Name of work:** Laying of water pipeline along and across the National Highway at Existing on NH 83 land CWSS 100 Habitations (Formerly CWSS to 141 Habs) in Andhanallur and Manapparai unions of Trichy District Under Jal Jeevan Mission for Shifting of Water pipeline in NH-83 (Trichy – Dindigul Section) Along and Across the road LHS Km 350/360 to Km 350/500 (140m), Km 352/210 to Km 352/820 (610m) RHS Km 350/960 to Km 353/220 (2260m) Km 350/500 to Km 350/960 (460m) and Crossing using Existing (Encasing) at Km 352/210 (60m), Km 350/500 (60m) For a Total length of 3.47 Kms & Across 0.12 Kms in the state of Tamilnadu.

### Indemnity against all damages and claims as per SLNO.5.6 of Checklist

We, M/s. Tamilnadu Water Supply & Drainage Board (TWAD Board), RWS Division, Trichy, do hereby indemnify the Regional Officer, National Authority of India 2nd, 3rd Floor, Vijay Krishna Plaza, Mattuthavani, Madurai binding ourselves to pay all the losses and claims in respect of laying of water pipeline along and across the National Highways at Existing on NH 83 land CWSS 100 Habitations (Formerly CWSS to 141 Habs) in Andhanallur and Manapparai unions of Trichy District Under Jal Jeevan Mission for Shifting of Water pipeline in NH-83 (Trichy – Dindigul Section) Along and Across the road LHS Km 350/360 to Km 350/500 (140m), Km 352/210 to Km 352/820 (610m) RHS Km 350/960 to Km 353/220 (2260m) Km 350/500 to Km 350/960 (460m) and Crossing using Existing (Encasing) at Km 352/210 (60m), Km 350/500 (60m) For a Total length of 3.47 Kms & Across 0.12 Kms in the state of Tamilnadu or maintenance there of and against all claims proceeding damages, cost, charges and expenses whatsoever in respect thereof in relation there to failing such payments of claims in the above work we abide in accepting of such claims affected from any of our assets.

PROJECT : Proposed For Laying Of Water Pumping Main Line For CWSS 100 Habitations (Formerly CWSS to 141 Habs) in Andhanallur and Manapparai unions of Trichy District Under Jal Jeevan Mission for Shifting of Water pipeline in NH-83 (Trichy - Dindigul Section) Along and Across the road LHS Km 350/360 to Km 350/500 (140m), Km 352/210 to Km 352/820 (610m) RHS Km 350/500 to Km 353/220 (2700m) Crossing using Existing (Encasing) at Km 352/210 (60m), Km 350/500 (60m)



A.N. Phaven Kumar

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

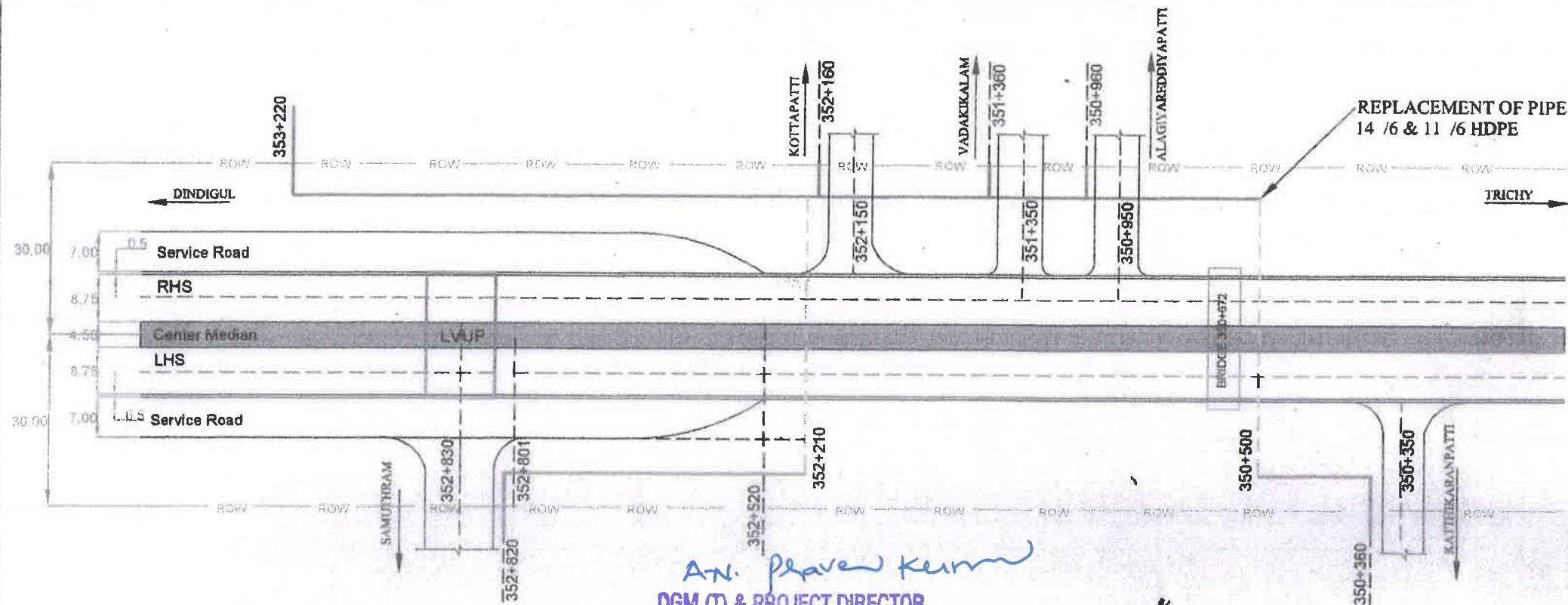
EXECUTIVE ENGINEER  
TWAD BOARD  
MAINTENANCE DIVISION  
TRICHY.

LEGEND

- Proposed Water Pipeline
- Crossing using Existing (Encasing)



**CWSS TO 100 (141) Habitations in Anthanallur and Manapparai Union of Trichy District - NHAI (Trichy -Dindigul Road) - Shifting of Pipeline due to widening and Enhancement of Water Supply .**



**Replacement of pipeline Details**

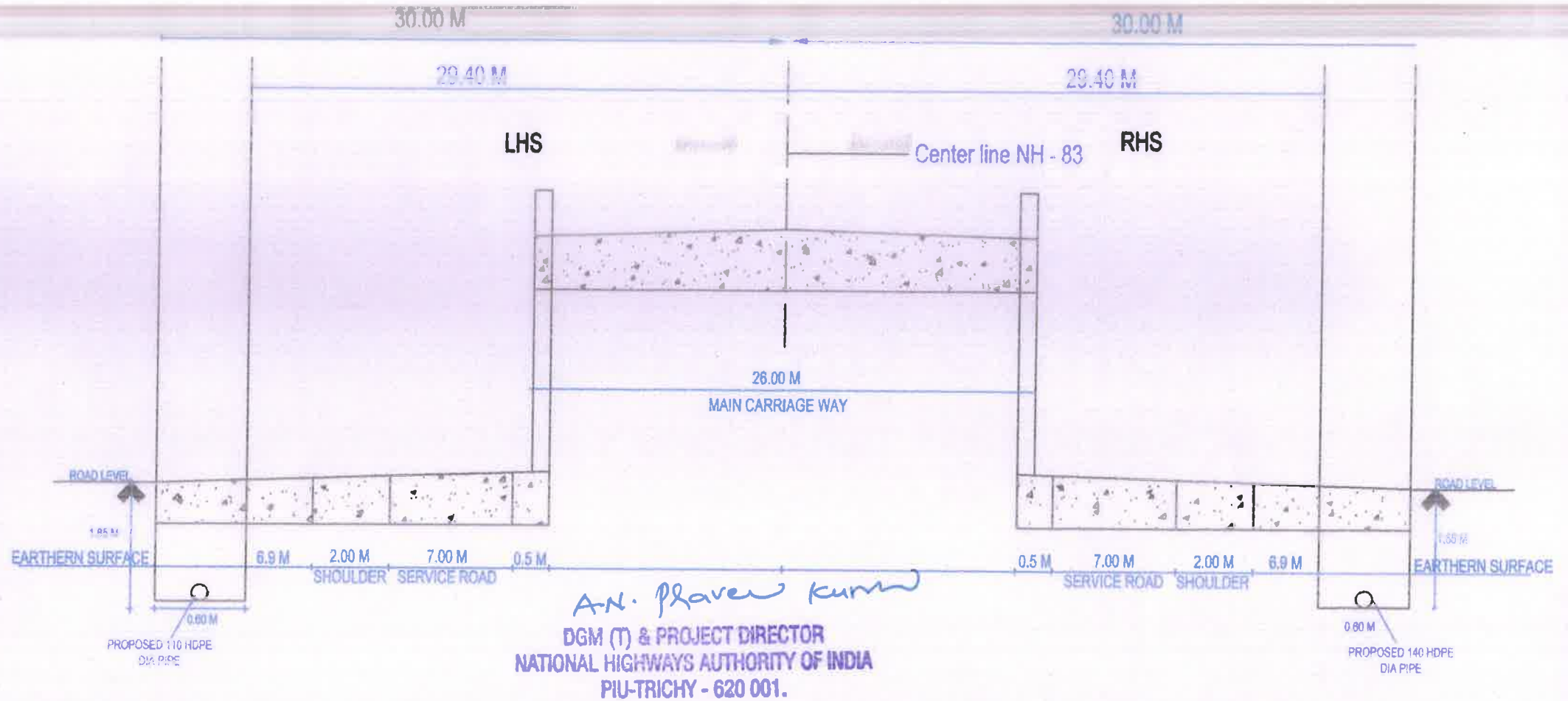
1.140 HDPE PN6 from 353+220 to 350+960 RHS	= 2260 m
2.110 HDPE PN6 from 350+960 to 350+500 RHS	= 460 m
3.110 HDPE PN6 from 350+500 to 350+360 LHS	= 140 m
4.110 HDPE PN6 from 352+210 to 352+820 LHS	= 610 m
	<b>= 3470 m</b>

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

*[Signature]*  
**EXECUTIVE ENGINEER**  
**TWAD BOARD**  
**MAINTENANCE DIVISION**  
**TRICHY.**

**EXISTING TRENCHLESS INTERCONNECTION WORK**  
**PROPOSED PIPELINE REPLACEMENT**





TITLE

CROSS SECTION DETAIL NH - 83  
FROM 352/210 TO 352/820

TRICHY TO DINDUGAL SECTION NH - 83  
KM 352/210 TO KM 352/820 LHS &  
KM 382/210 TO KM 353/220 RHS

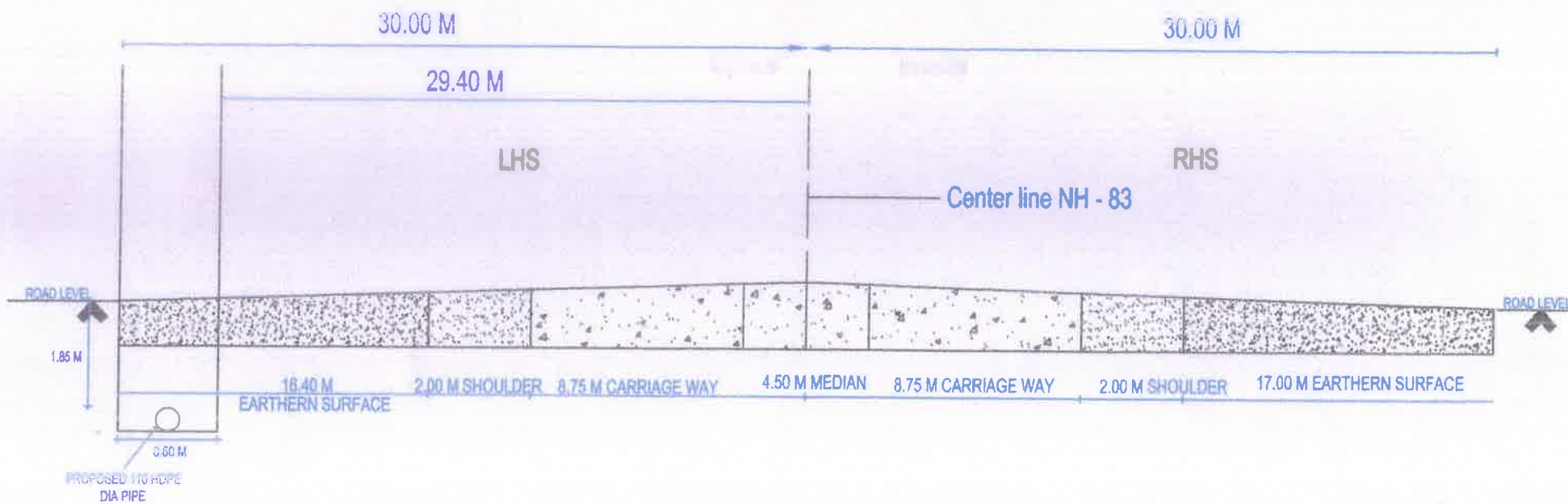
APPLICANT

EXECUTIVE ENGINEER

TAMILNADU WATER SUPPLY AND DRAINAGE BOARD

MAINTENANCE DIVISION

TRICHY - 620023



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

TITLE

CROSS SECTION DETAIL NH - 83  
FROM 350/360 TO 350/500

TRICHY TO DINDUGAL SECTION NH - 83  
KM 350/360 TO KM 350/500 LHS

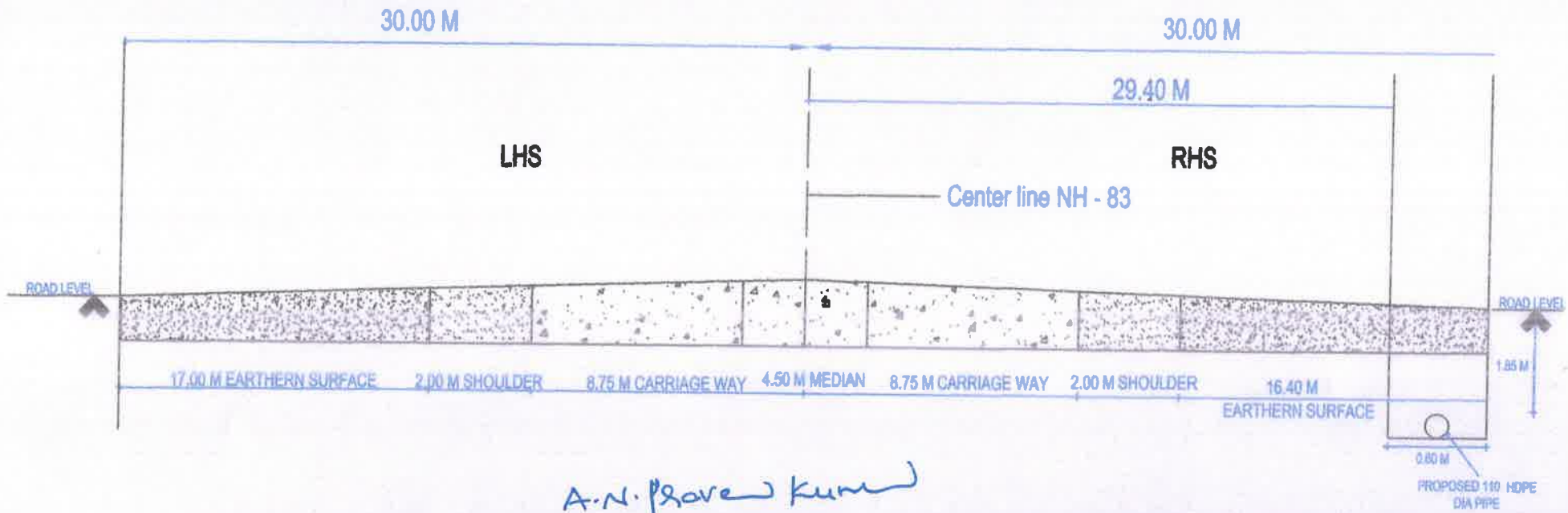
APPLICANT

EXECUTIVE ENGINEER

TAMILNADU WATER SUPPLY AND DRAINAGE BOARD

MAINTENANCE DIVISION

TRICHY - 620023



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

TITLE

CROSS SECTION DETAIL NH - 83  
FROM 350/600 TO 350/900

TRICHY TO DINDUGAL SECTION NH - 83  
KM 350/600 TO KM 350/900 RHS

APPLICANT

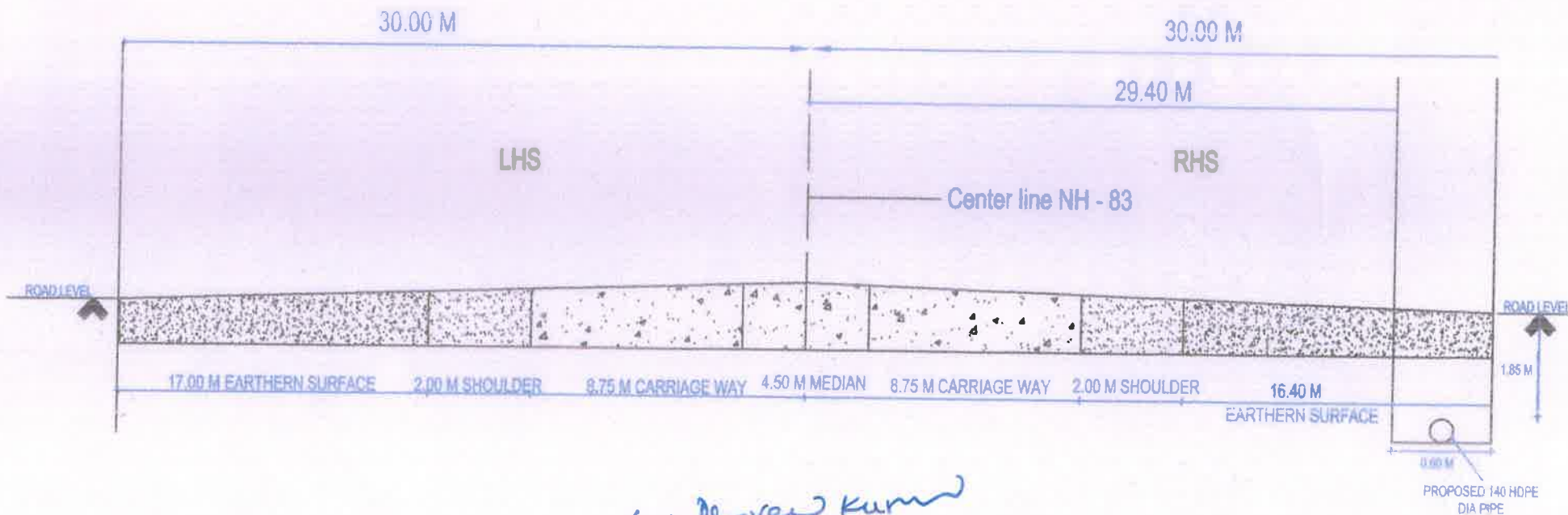
EXECUTIVE ENGINEER

TAMILNADU WATER SUPPLY AND DRAINAGE BOARD

MAINTENANCE DIVISION

TRICHY - 620023





A.N. Phares Kumar

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

TITLE

CROSS SECTION DETAIL NH - 83  
FROM 350/960 TO 352/210

TRICHY TO DINDUGAL SECTION NH - 83  
KM 350/960 TO KM 352/210 RHS

APPLICANT

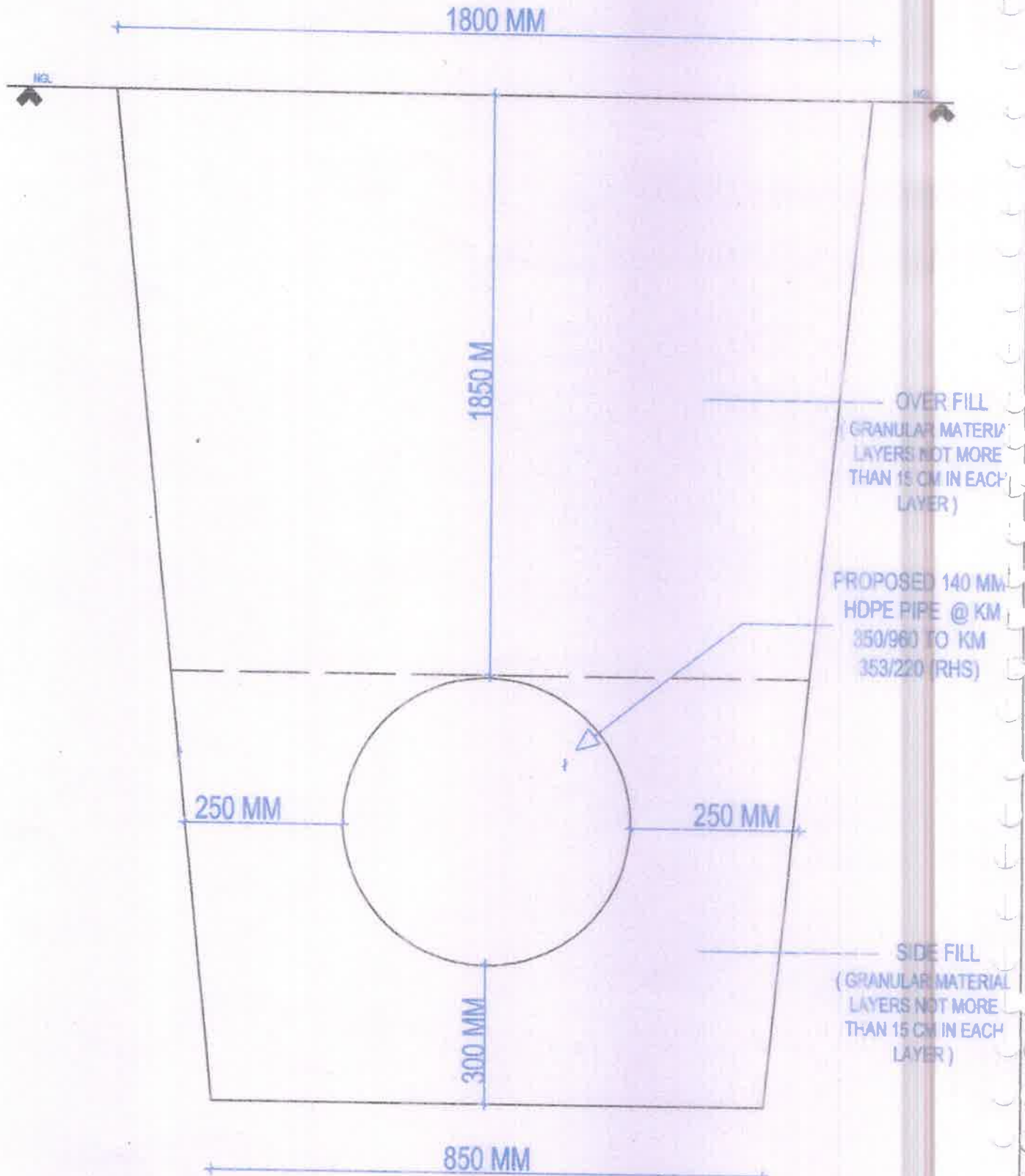
EXECUTIVE ENGINEER

TAMILNADU WATER SUPPLY AND DRAINAGE BOARD

MAINTENANCE DIVISION

TRICHY - 620023





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

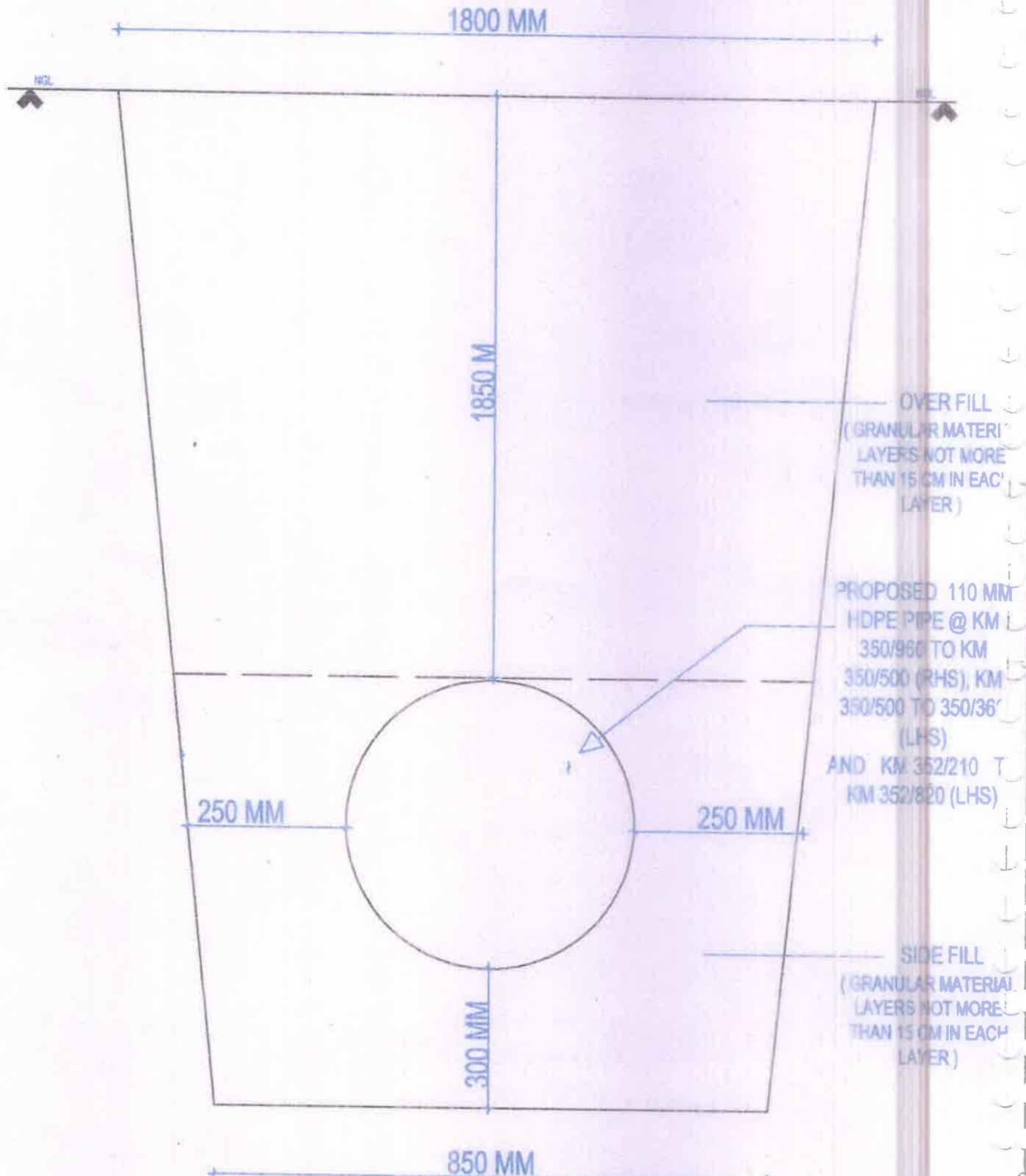
ENCLOSURE TO MINISTRY OF ROAD TRANSPORT AND HIGHWAYS  
LETTER NO. RW/NH - 33044/29/2015/S& R(R) (Pt) DATED 22.11.2016

TRICHY TO DINDIGUL SECTION NH - 83  
KM 350/960 TO KM 353/220 (RHS)

APPLICANT

EXECUTIVE ENGINEER

TAMILNADU WATER SUPPLY AND DRAINAGE BOARD  
MAINTENANCE DIVISION  
TRICHY - 23



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

ENCLOSURE TO MINISTRY OF ROAD TRANSPORT AND HIGHWAYS  
LETTER NO. RWNH - 33044/29/2015/S& R(R) (P) DATED 22.11.2016

TRICHY TO DINDIGUL SECTION NH - 83

KM 350/960 TO KM 350/500 (RHS)  
KM 350/500 TO KM 350/360 (LHS) &  
KM 352/210 TO KM 352/820 (LHS)

68

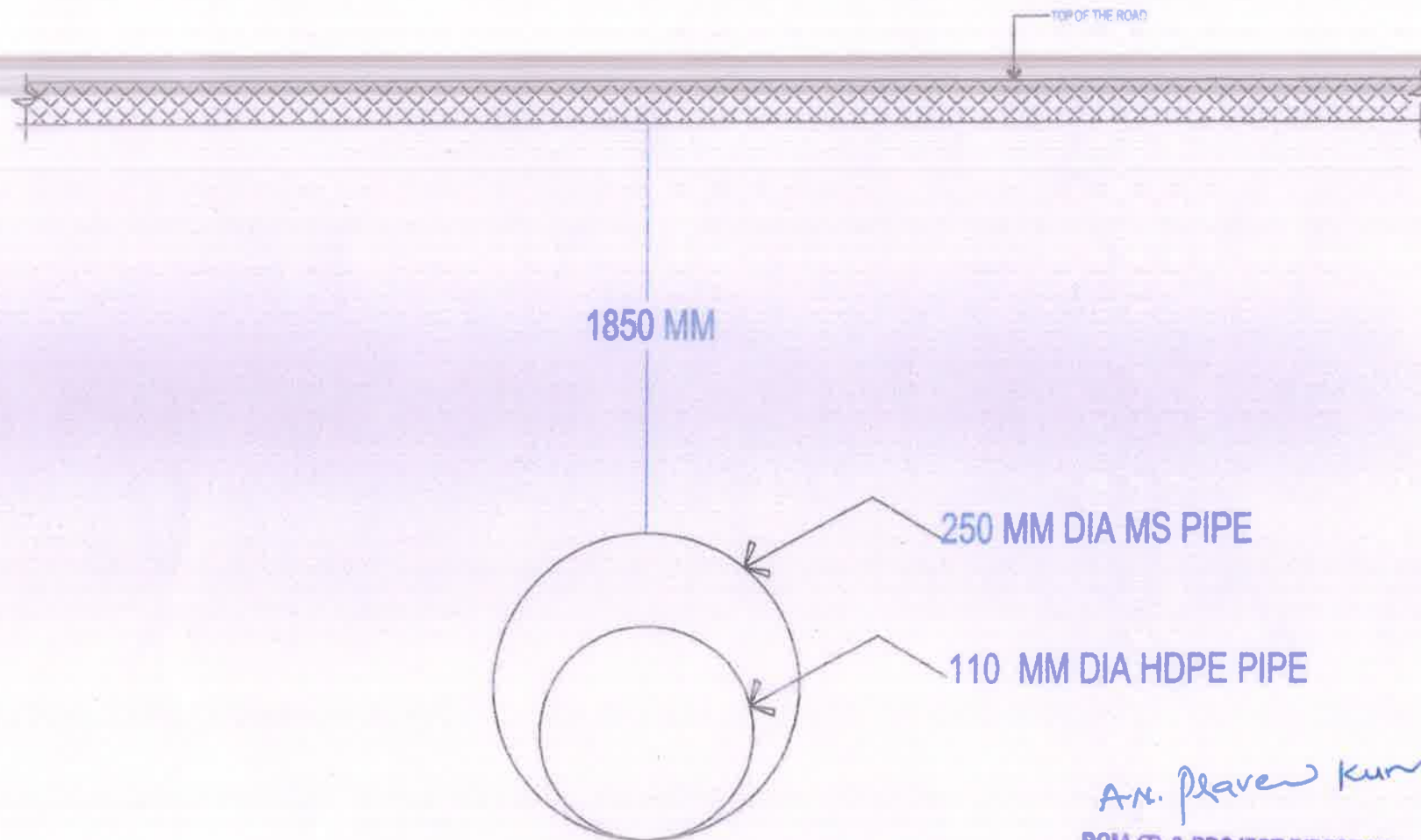
APPLICANT

EXECUTIVE ENGINEER

TAMILNADU WATER SUPPLY AND DRAINAGE BOARD

MAINTENANCE DIVISION

TRICHY - 23



ACROSS AT KM 350/500 &amp; 352/210

A.N. Plaven kum

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

ENCLOSURE TO MINISTRY OF ROAD TRANSPORT &amp; HIGHWAYS &amp; LETTER NO RWNH33044/29/2015/S&amp;R(R)(Pt).DATED 22.11.2016

TITTLE :-

FIGURE :- REPLACING OF MS WATER CARRIER PIPE  
USING EXISTING MS ENCASING @ KM 350/500 & 352/210

APPLICANT :-

  
EXECUTIVE ENGINEER

Tamilnadu Water Supply and Drainage Board  
Maintenance Division  
Trichy - 23



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

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.

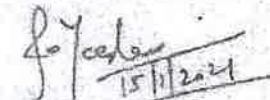
3. In order to meet the above requirement, a partial modification to aforesaid guideline dated 22.11.2016 has been envisaged. Accordingly, para 2.3 of above mentioned guidelines may be read as under:-

"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,

  
15/1/2021  
(Shubham Yadav)

Assistant Executive Engineer (BP&SP)





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.

*Mang Kumar*



: 3 :

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*



**Annexure I**

**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.

2. No Licensee shall claim exclusive right on the RoW and any subsequent user will be permitted to use the RoW, either above or below, or by the side of the utilities laid by the first user, subject to technical requirements being fulfilled. Decision of the Authority in relation to fulfilment of technical requirements shall be final and binding on all concerned parties. In case any disruption/damage is caused to any existing user by the subsequent user, the Authority shall not be held accountable or liable in any manner.
3. The Licensee shall be responsible for undertaking all activities including, but not limited to site identification, survey, design, engineering, arranging finance, project management, obtaining regulatory approvals & necessary clearances, supply of equipment, material, construction, erection, testing and commissioning, maintenance and operation and all other activities essential or required for efficient functioning of their own utility/ industrial infrastructure facilities.
4. The Licensee shall pay license fees @ Rs ...../sq m/month to the Authority. The License fee shall become payable from the date of handing over of RoW land to the Licensee, for laying of utilities/cables/conduits/pipelines for infrastructure/ service provider. As regards Tariff and Terms and conditions for providing common utility ducts along National Highways, there shall be a separate agreement regime.
5. Fee shall have to be paid in advance for the period for which permission is granted for entering into a license agreement. In case of renewal, rate prevailing at the time of renewal shall be charged. Delay in deposition of fee shall attract interest @ 15% per annum compounded annually.
6. Present policy of the MoRT&H is to provide a 2.00 m wide utility corridor on either side of the extreme edge of RoW. In cases where utility ducts with sufficient space are already available along NH, the utility services shall be laid in such ducts subject to technical requirements being fulfilled.
7. The utility services shall be laid at the edge of the RoW. In case of restricted width of RoW, which may be adequate only to accommodate the carriageway, central verge, shoulders, slopes of embankment, drains, other 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.

- b. The backfill shall be completed in two stages (i) Side-fill to the level of the top of the pipe (ii) Overfill to the bottom of the road crust.
  - c. The side fill shall consist of granular material laid in 15 cm. Layers each consolidated by mechanical tamping and controlled addition of moisture to 95% of the Proctor's Density. Overfill shall be compacted to the same density as the material that had been removed. Consolidation by saturation or ponding will not be permitted.
  - d. The road crust shall be built to the same strength as the existing crust on either side of the trench or to thickness and specifications stipulated by the Highway Authority.
17. The Licensee shall ensure making good the excavated trench for laying utility services by proper filling and compaction, so as to restore the land in to the same condition as it was before digging the trench, clearing debris/loose earth produced due to execution of trenching at least 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 metre / Rs per sq m with a validity of one year initially (extendable if required till satisfactory completion of work) shall have to be furnished by the Licensee to the Authority/its designated agency as a security against improper restoration of ground in terms of filling/unsatisfactory compaction damages caused to other underground installations/utility services & interference, interruption, disruption or failure caused thereof to any services etc. In case of the Licensee failing to discharge the obligation of making good of the excavated trench/other restoration work, the Authority shall have a right to make good the damages caused by excavation, at the cost of the Licensee and recover the amount by forfeiture of the Bank Guarantee.
20. In case, the Performance Bank Guarantee is invoked as mentioned above, the Licensee shall be required to replenish and reinstate the required Performance Bank Guarantee within one month of such invoking. In case the work contemplated herein is not completed to the satisfaction of the Authority, which has granted the permission, within a period of 11 months from the date of issue of the Bank Guarantee, the Licensee shall either furnish a fresh guarantee or extend the guarantee for a further period of one year. Notwithstanding this, the Licensee shall be liable to pay full compensation to the aggrieved Authority/ its designated agency for any damage sustained by them by reason of the exercise of the RoW facility;



for fresh or maintenance/repair works. A separate performance Bank Guarantee for maintenance/repair works shall have to be furnished by the Licensee.

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

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

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

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

SIGNED SEALED AND DELIVERED FOR AND ON BEHALF OF AUTHORITY.

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

(Signature, name & address with stamp)  
**EXECUTIVE ENGINEER  
TWAD BOARD  
MAINTENANCE DIVISION  
TRICHY.**

SIGNED ON BEHALF OF M/S \_\_\_\_\_

(LICENSEE)

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

(Signature, name & address with stamp)

HOLDER OF GENERAL POWER OF ATTORNEY DATED \_\_\_\_\_

EXECUTED IN ACCORDANCE WITH THE RESOLUTION NO. \_\_\_\_\_

DATED \_\_\_\_\_ PASSED BY HTE BOARD OF DIRECTORS IN THE  
MEETING HELD ON \_\_\_\_\_

IN THE PRESENCE OF (WITNESSES):

1. **Assistant Executive Engineer  
TWAD Board,  
Maintenance Sub Division  
Trichy.**
- 2.

**Assistant Engineer  
TWAD Board  
Maintenance Sub Division  
Trichy**



### ABSTRACT

Jal Jeevan Mission – retrofitting of 6 existing Combined Water Supply Schemes and 6 new Multi Village Schemes under Jal Jeevan Mission (JJM) – Administrative Sanction – Accorded – Orders – Issued.

#### Municipal Administration and Water Supply (WS.1) Department

**G.O.(4D)No.16**

**Dated: 26.07.2022**

சுபகிருது, ஆடி மாதம் 10-ஆம் நாள்

திருவள்ளூர் ஆண்டு, 2053

**Read:-**

From the Mission Director, Jal Jeevan Mission & Managing Director, TWAD  
Board Letter No.F.2-5/SLSSC/JJM/2020, Dated: 14.06.2022.

\* \* \* \*

#### **ORDER:**

The Mission Director, Jal Jeevan Mission & Managing Director, Tamil Nadu Water Supply and Drainage Board in his letter read above has stated that the 2<sup>nd</sup> Apex Committee of Jal Jeevan Mission has approved the saturation plan up to March, 2024 to provide Functional Household Tap Connections (FHTCs) to all the rural households which includes 69 numbers of New Multi Village Scheme (MVS) and retrofitting of 99 existing Combined Water Supply Scheme (CWSS) / Multi Village Scheme (MVS). Subsequently, based on the detailed investigation carried out to prepare the Detailed Project Reports (DPRs), the actual number of new Multi Village Schemes and retrofitting of existing Combined Water Supply Scheme / Multi Village Schemes has been reworked as 60 and 56 respectively and the same has been placed in the 1<sup>st</sup> Apex Committee Meeting held on 21.04.2022 and approved in the Annual Action Plan 2022-23.

2. The Mission Director, Jal Jeevan Mission & Managing Director, TWAD Board has also stated that the Annual Action Plan for 2022-23 was prepared for Rs.7,553.15 crore (Rs.6,119.87 crore under Jal Jeevan Mission and Rs.1,433.28 crore under convergence funds) for providing 26.89 lakh Functional Household Tap Connections (FHTCs) and was approved by the Apex Committee in its meeting held on 21.04.2022. Subsequently, in the National Jal Jeevan Mission meeting held on 25.04.2022, the Annual Action Plan for 2022-23 was revised for Rs.8,286.40 crore (Rs.6,853.12 crore



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under Jal Jeevan Mission & Rs.1,433.28 crore under convergence funds) for providing 28.48 lakh Functional Household Tap Connections as below:

Sl. No.	Activities Proposed	Apex Committee approved		Revised as per GoI Remarks	
		No. of FHTCs Aimed	Amount (Rs in crore)	No. of FHTCs Aimed	Amount (Rs in crore)
I.	Single Village Schemes				
a.	Spill-over of Single Village schemes	4,73,233	574.00	4,73,233	574.00
b.	Retrofitting of Single Village Schemes	6,71,031	503.27	6,71,031	503.27
II.	Multi Village Schemes				
a.	Spillover MVS - 9 Nos.	1,28,883	650.00	1,28,883	650.00
b.	New MVS - 60 Nos	0	3,000.00	34,545	3,298.92
c.	Retrofitting of MVS-56 Nos.	2,16,407	1,194.20	3,40,527	1,628.52
III.	Water Quality Monitoring & Surveillance		47.76		47.76
IV	Support Activities		150.64		150.64
	Total under JJM funds	14,89,554	6,119.87	16,48,219	6,853.12
V.	Spillover SVS under Convergence funds	1,64,324	233.28	1,64,324	233.28
VI.	Retrofitting of SVS under convergence funds	10,35,618	1,200.00	10,35,618	1,200.00
	<b>Grand Total</b>	<b>26,89,496</b>	<b>7,553.15</b>	<b>28,48,161</b>	<b>8,286.40</b>

3. The Mission Director, Jal Jeevan Mission & Managing Director, TWAD Board has also stated that the 6<sup>th</sup> State Level Scheme Sanctioning Committee meeting (2<sup>nd</sup> SLSSC meeting for the year 2022-23) was conducted under the Chairmanship of Additional Chief Secretary, Municipal Administration & Water Supply Department and State Nodal Officer, Jal Jeevan Mission, Tamil Nadu on 06.06.2022 and the proposals for the retrofitting of 6 numbers of existing Combined Water Supply Schemes and 6 new Multi Village Schemes have been placed before the State Level Scheme Sanctioning Committee and State Level Scheme Sanctioning Committee accorded approval for the same with the following fund sharing pattern; TWAD Board and Rural Development and Panchayat Raj Department component costs; and Functional Household Tap Connections to be provided :

**Table-1: Retrofitting of existing Combined Water Supply Schemes (6 nos.)**

Agenda No.	Name of the scheme	Rs. in crore											
		Proposed			Approved								
		TWAD Board	RD & PR Dept	Total Project Cost	TWAD Board	RD & PR Dept	Total Project Cost	FHTCs	GoI Share	GoTN share	Community Contribution	Total	Centage Charges (To be borne by Go TN)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
2	Retrofitting of existing CWSS to 136 Fluoride affected habitations and 604 way-side habitations in Kadayampatty and 3 other unions of Salem district	43.53	42.10	85.63	43.53	37.04	80.57	56,110	36.68	36.67	3.26	76.61	3.96
3	Retrofitting of existing CWSS to Muthur and 5 other TPs Vellakol, Kangeyam and Dharapuram Municipalities and 1790 rural habitations of 86 other Village Panchayats in Tiruppur, Karur and Erode districts	59.32	2.68	62.00	59.32	2.97	62.29	2,849	28.48	28.49	0.28	57.25	5.04
4	Retrofitting of existing CWSS to Amoor and 51 habitations in Musiri union of Trichy district (Formerly CWSS to Amoor and 59 habitations in Musiri union of Trichy district.)	11.41	0.34	11.75	11.41	0.24	11.65	330	5.30	5.29	0.02	10.61	1.04
5	Retrofitting of existing CWSS to Moovanur and 29 habitations in Musiri & Mannachanallur union of Trichy district (Formerly CWSS to Moovanur and 44 habitations in Musiri & Mannachanallur union of Trichy district.)	10.82	0.40	11.22	10.82	0.40	11.22	568	5.10	5.10	0.04	10.24	0.98
6	Retrofitting of CWSS to 100 habitations in Anthanallur and Manapparai union of Trichy district (Formerly CWSS to 141 habitations in Anthanallur, Manikandam and Manapparai union of Trichy district.)	15.56	1.59	17.15	15.56	1.59	17.15	2,194	7.80	7.80	0.14	15.74	1.41
8	Retrofitting of existing Ramnad CWSS covering 5 Municipalities 11 Town Panchayats and 3,163 rural habitations in Ramanathapuram, Sivagangai and Pudukottai district.	555.42	22.41	577.83	555.42	19.00	574.42	13,577	259.35	259.35	1.76	520.46	53.96
<b>Sub Total</b>		<b>696.06</b>	<b>69.52</b>	<b>765.58</b>	<b>696.06</b>	<b>61.24</b>	<b>757.30</b>	<b>75,628</b>	<b>342.71</b>	<b>342.70</b>	<b>5.50</b>	<b>690.91</b>	<b>66.39</b>

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**Table-2: New Multi Village Schemes / Combined Water Supply Schemes (6 Nos.):**

Agenda No.	Name of the scheme	(Rs. in crore)											
		Proposed Component			Approved								
		TWAD Board	RD & PR Dept	Total Project Cost	TWAD Board	RD & PR Dept	Total Project Cost	FHTCs	GoI Share	Go TN share	Community Contribution	Total	Centage Charges (To be borne By GoTN)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
7	Combined Water Supply Improvement Scheme to 174 rural habitations in Manikandam and Andhanallur unions of Tiruchirappalli dist.	122.36	3.83	126.19	115.37	3.85	119.22	6,694	54.42	54.42	0.36	109.20	10.02
9	CWSS to 214 rural habitations in Budalur Thiruvaiyaru (part) and Thanjavur (part) unions and bulk supply to Sastra university in Thanjavur district.	250.17	15.12	265.29	233.56	15.11	248.67	17,075	113.51	113.51	1.33	228.35	20.32
10	CWSS to Nallathur and 15 other Habitations of Nallathur, N.N.Kandigai and Poonimangadu panchayats in Thiruvallur Union of Thiruvallur dist.	3.88	0.16	4.04	3.88	0.16	4.04	248	1.84	1.84	0.01	3.69	0.35
11	CWSS to 20 rural habitations in Srivai kundam Union of Thoo thukudi district with river Tamiraparani as source.	14.10	2.68	16.78	12.80	2.68	15.48	4,457	7.03	7.03	0.25	14.31	1.17
12	CWS Imp. Scheme to 88 habitations in Kottama patti and Melur unions in Madurai district by augmenting the source of existing Melur CWSS with river Cauvery.	105.40	32.46	137.86	98.00	29.18	127.18	30,009	58.08	58.08	2.92	119.08	8.10
13	CWS Imp. Scheme to 236 rural habitations in T.Kallupatty and Seda patty unions in Andipatty Sedapatty CWSS of Madurai district by delinking the existing beneficiaries of Kallikudi, Chellampatty and Thirumangalam unions.	224.24	46.96	271.20	200.57	39.88	240.45	44,831	109.83	109.83	3.99	223.65	16.80
<b>Sub Total</b>		<b>720.15</b>	<b>101.21</b>	<b>821.36</b>	<b>664.18</b>	<b>90.86</b>	<b>755.04</b>	<b>1,03,314</b>	<b>344.71</b>	<b>344.71</b>	<b>8.86</b>	<b>698.28</b>	<b>56.76</b>
<b>Total for 6 new MVS and Retrofitting of 6 MVS schemes</b>		<b>1416.21</b>	<b>170.73</b>	<b>1586.94</b>	<b>1360.24</b>	<b>152.10</b>	<b>1512.34</b>	<b>1,78,942</b>	<b>687.42</b>	<b>687.41</b>	<b>14.36</b>	<b>1389.19</b>	<b>123.15</b>



4. The Mission Director, Jal Jeevan Mission and the Managing Director, TWAD Board has also stated that the retrofitting of the 6 existing Combined Water Supply Schemes and 6 new Multi Village Schemes also comprise centage charges to Tamil Nadu Water Supply and Drainage Board for implementation, which has to be borne by the State Government over and above the State Matching Share as these could not be funded under Jal Jeevan Mission.

5. The Mission Director, Jal Jeevan Mission and the Managing Director, TWAD Board has requested

- (i) to accord administrative sanction for retrofitting of 6 Combined Water Supply Scheme listed in the 'Table-1' on para-3 above and fund tie-up for a total amount of Rs.690.91 crore including community contribution under Jal Jeevan Mission and Rs.66.39 crore towards centage under additional State funds; and
- (ii) to accord administrative sanction for 6 new Multi Village Schemes in the 'Table-2' on para-3 above and fund tie-up for a total amount of Rs.698.28 crore including community contribution under Jal Jeevan Mission and Rs.56.76 crore towards centage under additional State funds.

6. The Government, after careful examination of the proposal of the Mission Director, Jal Jeevan Mission & the Managing Director, TWAD Board, accord administrative sanction for (i) retrofitting of existing 6 numbers of Combined Water Supply Schemes at a total cost of Rs.757.30 crore (Government of India share - Rs.342.71 crore; Government of Tamil Nadu share - Rs.342.70 crore; community contribution - Rs.5.50 crore; and centage charges - Rs.66.39 crore) with the funding pattern as detailed in the table-1 in para-3 above; and (ii) 6 new Combined Water Supply Schemes (Multi Village Schemes) at a total cost of Rs.755.04 crore (Government of India share - Rs.344.71 crore; Government of Tamil Nadu share - Rs.344.71 crore; community contribution - Rs.8.86 crore; and centage charges - Rs.56.76 crore) with the funding pattern as detailed in the table-2 in para-3 above and order accordingly.

7. It is also ordered that centage charges amounting to Rs.123.15 crore (Rs.66.39 crore + Rs.56.76 crore) shall be borne by the Government of Tamil Nadu.

6

8. This order issues with the concurrence of Finance Department vide its U.O.No.63/ADS(PW)/Finance (MAWS)/2022, Dated: 26.07.2022.

**(BY ORDER OF THE GOVERNOR)**

**SHIV DAS MEENA  
ADDITIONAL CHIEFSECRETARY TO GOVERNMENT.**

**To**

The Mission Director, State Water & Sanitation Mission / Jal Jeevan Mission & Managing Director, TWAD Board, Chennai-600 005.  
The Director of Rural Development and Panchayat Raj, Chennai-600 015.  
The District Collectors, Salem, Tiruppur, Karur, Erode, Tiruchirappalli, Thanjavur, Thiruvallur and Madurai.  
The Engineering Director, TWAD Board, Chennai-600 005.

**Copy to:**

The Accountant General, Chennai- 600 018.  
The Pay and Accounts Office, (South), Chennai- 600 035.  
The Hon'ble Chief Minister's Office, Chennai-600 009.  
The Senior Personal Assistant to the Hon'ble Minister (Municipal Administration), Secretariat, Chennai-600 009.  
The Senior P.A. to the Hon'ble Minister (Rural Development), Chennai-600 009.  
The Principal P.S. to the Chief Secretary to Government, Chennai-600 009.  
The Senior P.S to the Additional Chief Secretary to Government, Municipal Administration and Water Supply Department, Chennai-600 009.  
The Pr. P.S. to Additional Chief Secretary to Government, Finance Department, Chennai-600 009.  
The Principal P.S. to Principal Secretary to Government, Rural Development and Panchayat Raj Dept., Chennai-600 009.  
Municipal Administration and Water Supply (OP.2)Department, Chennai-9.  
The Finance (MAWS / RD&PR / BGM) Department, Chennai-600 009.  
The National Informatics Centre, Secretariat, Chennai - 600 009.  
Stock file / Spare Copy.

**//Forwarded by order//**

*Shiv Das Meena*  
**SECTION OFFICER.**

Draft List				
Draft No.	Subject	Status	Approved By	Last Updated On
DFA/107074	NHAI, PIU, TRICHY – Trichy – Dindigul section of NH 45 (New NH 83) – TWAD Board – CWSS - JJM - Retrofitting of CWSS to 100 Habs (formerly CWSS to 141 Habs) in Andhanallur and Manapparai unions under Jal Jeevan Mission for shifting of water pipeline along the road km.350/360 to km.350/500 (140m), km.352/210 to km.352/820 (610m) on LHS and km.350/960 to km.353/220 (2260m) km.350/500 to km.350/960 (460m) on RHS and crossing at km.352/210, km.350/500 – Recommended for In Principle approval requested – Reg	DFA		05/06/2024 06:53 PM
DFA/107077	NHAI, PIU, TRICHY – Trichy – Dindigul section of NH 45 (New NH 83) – TWAD Board – CWSS - JJM - Retrofitting of CWSS to 100 Habs (formerly CWSS to 141 Habs) in Andhanallur and Manapparai unions under Jal Jeevan Mission for shifting of water pipeline along the road km.350/360 to km.350/500 (140m), km.352/210 to km.352/820 (610m) on LHS and km.350/960 to km.353/220 (2260m) km.350/500 to km.350/960 (460m) on RHS and crossing at km.352/210, km.350/500 – Recommended for In Principle approval requested – Reg	DFA		29/05/2024 05:12 PM



NHAI/15018/4.6/02/2024/RO-Madurai/E-244482/

May, 2024

सेवामें | To

परियोजना निदेशक | Project Director,

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण | National Highways Authority of India,

पकाई- त्रिची | PIU - Trichy.

**विषय:** भाग्यपुरा - क्षे.का. मद्रै- पकाई- त्रिची - Trichy - Dindigul section of NH 45 (New NH 83) - TWAD Board - CWSS - JJM - Retrofitting of CWSS to 100 Habs (formerly CWSS to 141 Habs) in Andhanallur and Manapparai unions under Jal Jeevan Mission for shifting of water pipeline along the road km.350/360 to km.350/500 (140m), km.352/210 to km.352/820 (610m) on LHS and km.350/960 to km.353/220 (2260m) km.350/500 to km.350/960 (460m) on RHS and crossing at km.352/210, km.350/500 - NOC Approval - Reg.

**प्रासंग:** PD, Trichy Lr.No - NHAI/PD/TRY//NH 83/T-D/TWAD/2024/530 dated 21.03.2024.

महोदय,

Please refer to your letter cited above recommending therewith a proposal for laying of water Pipe line along the road km.350/360 to km.350/500 (140m), km.352/210 to km.352/820 (610m) on LHS and km.350/960 to km.353/220 (2260m) km.350/500 to km.350/960 (460m) on RHS and crossing at km.352/210, km.350/500 on Trichy - Dindigul section of NH 45 (New NH 83) in the State of Tamil Nadu by Executive Engineer, TWAD Board, Maintenance Division, Trichy and seeking approval for the same.

2. The proposal duly recommended by you, is examined in this office in the light of Guidelines issued by Ministry vide letter No. RW/NH-33044/29/2015/S&R(R) dated 22.11.2016. Details of the proposal are as hereunder:-

Stretch in Km	Length in Meters	Dia of pipe	Available ROW (in Meter)	Remarks
Along NH 45 (New NH 83) km.350/360 to	140	01 no of 110 mm		

km.350/500 (LHS)		HDPE pipe		
Along NH 45 (New NH 83) km.352/210 to km.352/820 (LHS)	610	01 no of 110 mm HDPE pipe		
Along NH 45 (New NH 83) km.350/960 to km.353/220(RHS)	2260	01 no of 140 mm HDPE pipe		
Along NH 45 (New NH 83) km.350/500 to km.350/960 (RHS)	460	01 no of 110 mm HDPE pipe	60	Laying of pipe line along the extreme edge of ROW at a distance of 0.6 m from ROW edge.
Across NH 45 (New NH 83) Km.350/500	60	01 no of 250 mm MS casing pipe with 100 mm HDPE pipe		
Across NH 45 (New NH 83) Km.352/210	60	01 no of 250 mm MS casing pipe with 100 mm HDPE pipe		

3. The Executive Engineer, TWAD Board, Maintenance Division, Trichy has proposed for laying of water Pipe line on Trichy - Dindigul section of NH 45 (New NH 83) in the State of Tamil Nadu along the road from km. 350/360 to km.350/500 (140m), km.352/210 to km.352/820 (610m) on LHS and km. 350/960 to km. 353/220 (2260m), km. 350/500 to km.350/960 (460m) on RHS by open trench method at minimum depth of 1.850 m from ground level and crossing at km.352/210, km.350/500 by HDD method at minimum depth of 1.850m from top of the subgrade and cross-section of the same has been duly signed by PD,Trichy.

4. The Executive Engineer, TWAD Board, Maintenance Division, Trichy has furnished an undertaking to the effect that the applicant will move the utility line for any work of improvement or repairs to the road if NHAI considers if necessary in future, it will be carried out as desired by NHAI at their own cost within a reasonable time (not exceeding 90days) from the date of issue of the intimation given. Also, certified that the proposed pipeline work will not damage the other utility, if damaged the applicant will pay the losses either to NHAI or to the concerned agency.

5. In view of the above, the approval of Competent Authority is hereby conveyed for laying of water Pipe line along the road from km.350/360 to km.350/500 (140m), km.352/210 to km.352/820 (610m) on LHS and km.350/960 to km.353/220 (2260m), km.350/500 to km.350/960 (460m) on RHS and crossing at km.352/210, km.350/500 in the Trichy - Dindigul section of NH 45 in the State of Tamil Nadu by Executive Engineer, TWAD Board, Maintenance Division, Trichy as per the details submitted in the proposal subject to the following conditions and also in the License Deed to be signed.

- i. As mentioned in the Ministry's letter dated 22.11.2016, Para (6) and subsequent Amendment dated 17.04.2023. The applicant shall submit a Performance Bank Guarantee i.e. **Rs.5,47,000/-** towards restoration charges and the confirmation of BG may be obtained from the respective branch as per NHAI guidelines. The applicant shall remit the License Fee for 5 years i.e. **Rs.56,371/-** in Bharatkosh Portal and the same shall be confirmed. **After fulfillment of these conditions, the PD, Trichy is authorized to execute the License Deed with the Executive Engineer, TWAD Board, Maintenance Division, Trichy.**
- ii. The work shall be taken up by Executive Engineer, TWAD Board, Maintenance Division, Trichy **only after signing of License Deed and submission of all undertakings on stamp paper as per checklist at the time of execution of License Deed.**
- iii. The laying of water Pipe line shall be strictly as per the Ministry's letter No. RW/NH-33044/29/2015/S&R(R) dated 22.11.2016 and as per the details/drawings indicated in the proposal. No change in the alignment of water Pipe line than approved herein will be entertained. Any deviation may result in cancelling of the permission/approval.
- iv. As per Ministry's letter dated 22.11.2016, PD, NHAI, Trichy shall ensure that the water Pipe line is not laid over the existing Culverts & Bridges except through the utility ducts where such provision exists. In case of absence of such provisions, the Executive Engineer, TWAD Board, Maintenance Division, Trichy shall make its own arrangements for crossing the cross drainage Structure, rivers, etc., below the belt.
- v. All the existing utilities are to be checked and verified by Executive Engineer, TWAD Board, Maintenance Division, Trichy before commencement of the work and ensure that no damage is caused to the existing utilities. If any damages are caused to the existing by the Executive Engineer, TWAD Board, Maintenance Division, Trichy has to bear the cost of rectification works.
- vi. The Executive Engineer, TWAD Board, Maintenance Division, Trichy should adopt Trenchless technology wherever water Pipe line crosses the cross roads/junction locations and wherever the berm width is less, the Executive Engineer, TWAD Board, Maintenance Division, Trichy should adopt HDD Method for laying water Pipe line.
- vii. **This permission shall stand cancelled, if any adverse comments are received within 30 days from the date of issue of public notice for this proposal.**
- viii. **Proper sealing shall be provided at the ends of the encasing pipe in the Crossing portion to avoid ingress of water.**
- ix. **PD shall ensure that the proposed WSPL is laid at the extreme edge only.**
- x. **No digging of the carriageway will be allowed and working pits, if any, shall be made outside the ROW.**
- xi. License Fee (as worked out by the PD/EE) 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 renewal and deposition of fee shall attract interest @



- 15% per annum compounded annually.
- xii. 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.
  - xiii. Before signing of agreement, recommendation of IE & consent of Concessionaire/ Supervision Consultant may also be obtained, if not taken so far.
  - xiv. PD, PIU, Trichy shall ensure that, avenue plantation, rain water harvesting system and boundary stones are not disturbed. Damages any, shall be got rectified through the applicant.
  - xv. The Executive Engineer, TWAD Board, Maintenance Division, Trichy shall follow the latest guidelines issued by MoRT&H while executing the work.
  - xvi. Free flow of traffic on Trichy - Dindigul section of NH 45 (New NH 83) should be maintained at any point of time by the Executive Engineer, TWAD Board, Maintenance Division, Trichy while carrying out the work of laying water Pipe line.
  - xvii. The proposed laying of water Pipe line shall be laid in such a manner that it causes least interference to the traffic movement and also traffic safety.
  - xviii. The Executive Engineer, TWAD Board, Maintenance Division, Trichy will be responsible for any hazard during the laying of water Pipe line.
  - xix. The Executive Engineer, TWAD Board, Maintenance Division, Trichy shall shift the utility services **at its own cost** within 90 days (or as specified by the respective authority) from the date of issue of the notice by the concerned Authority in this regard, 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. An undertaking to this effect shall be furnished along with the License Deed to be signed.
  - xx. The interference with any other service line that exists in the alignment of the proposed Underground water Pipe line shall be fully assessed prior to taking up work and the matter shall be taken up with the concerned service providers for redressal.
  - xxi. Cross sectional drawings duly showing the road section, casing pipe and location of open pit for HDD machine (distance from RoW/Toe line) should be submitted while submitting final NOC application.
  - xxii. In case of improper restoration after laying of water Pipe line, the Bank Guarantee shall be forfeited by NHAI.
  - xxiii. NHAI has every right to cancel the permission given, without assigning any reason.
  - xxiv. Notwithstanding the above, the provisional permission shall stand cancelled under the following circumstances.
    - a. If any document/information furnished by the applicant proves to be false or if the applicant is found to have willfully suppressed any information.

- b. Any breach of the condition imposed by the Highway Administration or the officer authorized by the Administration on his behalf.
  - c. If at later stage, any dispute/legal matter arises in the matter.
  - d. If any part of the Highway between the toe to toe is damaged either by cutting or dumping earth.
- 4) However, PIU is cautioned to be aware regarding submission of misleading undertakings as well as drawings confirming to relevant MoRTH guidelines in order to obtain Utility laying permission, indicating compliance to the MoRTH norms. In case of any deviation found at any stage post approval also, Project Director should immediately take necessary action as per rule with information to Regional Officer. It may be noted that PD shall be exclusively responsible for intimating & taking immediate action in case of any deviation at any stage.
- 5 ) Also, it has been observed during recent site inspection, that the utility owning agencies/TWAD are not taking precaution regarding protection to avenue plantation, approved location for laying of utility, restoration of avenue etc. during and after execution of works. It is therefore advised that PDs shall exercise close monitoring of the works to ensure strict compliance of the norms/conditions.

यह पत्र क्षेत्रीय अधिकारी के अनुमोदन से जारी किया गया है

भवदीय

(महेन्द्र मीना | Mahendra Meena)  
प्रबंधक (तक) | Manager (Tech)  
क्षे.का. मदुरै | RO-Madurai

**प्रतिनिधि:-** The Executive Engineer, TWAD Board, Maintenance Division, Trichy.

NHAI/15018/4.6/02/2024/RO Madurai/E-244482/

May,2024

### INVITATION OF PUBLIC COMMENTS

**विषय: भाग्यपुरा - शे.का. मट्टुरे- पकाई, त्रिची - Trichy - Dindigul section of NH 45 (New NH 83) - TWAD Board - CWSS - JJM - Retrofitting of CWSS to 100 Habs (formerly CWSS to 141 Habs) in Andhanallur and Manapparai unions under Jal Jeevan Mission for shifting of water pipeline along the road km.350/360 to km.350/500 (140m), km.352/210 to km.352/820 (610m) on LHS and km.350/960 to km.353/220 (2260m) km.350/500 to km.350/960 (460m) on RHS and crossing at km.352/210, km.350/500 - Invitation of Public Comments - Reg.**

**पूखंड:** PD, Trichy, Lr.No - NHAI/PD/TRY//NH 83/T-D/TWAD/2024/530 dt.21.03.2024.

The proposal received from PD, Trichy vide Lr.No - NHAI/PD/TRY//NH 83/T-D/TWAD/2024/530 dt.21.03.2024 there by requesting permission for Laying of Water Supply Pipeline along the road km.350/360 to km.350/500 (140m), km.352/210 to km.352/820 (610m) on LHS and km.350/960 to km.353/220 (2260m) km.350/500 to km.350/960 (460m) on RHS and crossing at km.352/210, km.350/500 in the state of Tamil Nadu as proposed Executive Engineer, TWAD Board, Maintenance Division, Trichy.

2. Details of the proposal as submitted by Executive Engineer, TWAD Board, Maintenance Division, Trichy are as hereunder:-

Stretch in Km	Length in Meters	Dia of pipe	Available ROW (in Meter)	Remarks
Along NH 45 (New NH 83) km.350/360 to km.350/500 (LHS)	140	01 no of 110 mm HDPE pipe	60	Laying of pipe line along the extreme edge of ROW at a distance of 0.6 m from ROW edge.
Along NH 45 (New NH 83) km.352/210 to km.352/820 (LHS)	610	01 no of 110 mm HDPE pipe		
Along NH 45 (New NH 83) km.350/960 to km.353/220(RHS)	2260	01 no of 140 mm HDPE pipe		
Along NH 45 (New NH 83) km.350/500 to km.350/960 (RHS)	460	01 no of 110 mm HDPE pipe		
Across NH 45		01 no of 250 mm MS		



(New NH 83) Km.350/500	60	casing pipe with 100 mm HDPE pipe		
Across NH 45 (New NH 83) Km.352/210	60	01 no of 250 mm MS casing pipe with 100 mm HDPE pipe		

3. The Executive Engineer, TWAD Board, Maintenance Division, Trichy has proposed for laying of water Pipe line on Trichy - Dindigul section of NH 45 (New NH 83) in the State of Tamil Nadu along the road from km. 350/360 to km.350/500 (140m), km.352/210 to km.352/820 (610m) on LHS and km. 350/960 to km. 353/220 (2260m), km. 350/500 to km.350/960 (460m) on RHS by open trench method at minimum depth of 1.850 m from ground level and crossing at km.352/210, km.350/500 by HDD method at minimum depth of 1.850m from top of the subgrade and cross-section of the same has been duly signed by PD,Trichy.

4. The Executive Engineer, TWAD Board, Maintenance Division, Trichy has furnished an undertaking to the effect that the applicant will move the utility line for any work of improvement or repairs to the road if NHAI considers if necessary in future, it will be carried out as desired by NHAI at their own cost within a reasonable time (not exceeding 90days) from the date of issue of the intimation given. Also, certified that the proposed pipeline work will not damage the other utility, if damaged the applicant will pay the losses either to NHAI or to the concerned agency.

Accordingly, as per Policy Guidelines issued by Ministry vide letter No. RW/NH-33044/29/2015/S&R(R) dated 22.11.2016, the application is being uploaded on public domain for 30 days for seeking claims and objections (on grounds of public inconvenience, safety and general public interest).

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.

(महेन्द्र मीना | Mahendra Meena)  
प्रबंधक (तक) | 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.