



सत्यमेव जयते

# 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 तीसरा तल, विजय कृष्ण प्लाजा, सेक्टर-1, लेक एरिया, मेलूर मैन रोड, माटुतावनी, 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](http://www.nhai.gov.in) ई-मेल / E-mail : [romadurai@nhai.org](mailto:romadurai@nhai.org)



NHAI/15018/4.1/02/2024/RO Madurai/E-252237/986

13<sup>th</sup> July, 2024

### INVITATION OF PUBLIC COMMENTS

**विषय: भाराराप्रा - क्षे.का. मदुरै- पकाई, मदुरै - Four laning of Madurai -Chettikulam section from Km 0/000 to Km 7/300 of NH-785 in the State of Tamil Nadu - Proposal submitted for laying of water pipeline across the road at km 3/517, Km 5/227 and Km 6/047 of Madurai- Chettikulam section of NH-785 - Invitation of Public Comments - Reg.**

**प्रसंग:** PD, Madurai Lr. No. NHAI/PIU/MDU/NH-785-I/Utility/NOC/2024/1202 dated 12.06.2024. (received on 19.06.2024)

The Proposal is regarding permission to lay the water pipeline across the road at Km 3/517, Km 5/227 and Km 6/047 of Madurai- Chettikulam section of NH-785 in the State of Tamil Nadu by Chief Engineer, Madurai City Municipal Corporation, submitted to this office by PD, Madurai Lr. No. NHAI/PIU/MDU/NH-785-I/Utility/NOC/2024/1202 dated 12.06.2024 in accordance with Ministry's latest guidelines dated 22.11.2016.

2. The alignment proposed by Chief Engineer, Madurai City Municipal Corporation to lay the water pipeline across the road at Km 3/517, Km 5/227 and Km 6/047 of Madurai- Chettikulam section of NH-785 is as detailed under:

Stretch in Km	Dia of Pipe	Length (m)	Available ROW (in m)		Remarks
			LHS	RHS	
Across NH-785: Km 3/517	700 mm MS Casing Pipe and 350mm DI Pipe	24.50			
Across NH-785: Km 5/227	700 mm MS Casing Pipe and 350mm DI Pipe	24.75	11.00-12.25	12.25-13.25	Laying of Water pipe line across the road by HDD Method at a depth more than 2.00m top of the subgrade.
Across NH-785: Km 6/047	700 mm MS Casing Pipe and 350mm DI Pipe	23.75			

नोट्स मिल

Page 1 of 2



# भारतीय राष्ट्रीय राजमार्ग प्राधिकरण (सड़क परिवहन और राजमार्ग मंत्रालय)

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

उप महाप्रबंधक (तकनिकी) सह परियोजना निदेशक के कार्यालय

परियोजना कार्यालय इकाई

Office of the Deputy General Manager (Tech) cum Project Director

Project Implementation Unit

प्लॉट नंबर : 3, सूर्या टवर्स, दूसरी मंजिल, पूर्व पहले स्ट्रीय, के.के. नगर, मदुरै - 625020, तमिलनाडु.

Plot No: 3, Surya Towers, 2nd Floor, 1st East Street, K.K.Nagar, Madurai - 625 020, Tamilnadu.



दुरभाष / Phone : +91 452 2587750

वेबसाइट / Website : <http://www.nhai.org>

E-mail : [nhai\\_madurai\\_piu@yahoo.co.in](mailto:nhai_madurai_piu@yahoo.co.in)

[mad@nhai.org](mailto:mad@nhai.org)

NHAI/PIU/MDU/NH-785-I/Utility/NOC/2024/ 1202

Date: 12.06.2024

To

The Regional Officer,  
National Highways Authority of India,  
Regional Office, Madurai.

Sub: NHAI - PIU, Madurai - Four laning of Madurai - Chettikulam section from km 0.000 to km 7.300 of NH-785 in the state of Tamilnadu - Proposal submitted to Permission for laying of Water Pipeline Across the road at Km.3+517, Km.5+227 and Km.6+047 of Madurai -Chettikulam Section of NH-785 in the State of TamilNadu - Proposal Submitted - In Principle Approval Requested - Reg

Ref: 1. AE, M/s.Yongma Sterling(JV), Lr.No.YMSITC/NHAI/PD/PIU/MDU/2024/831

Dt:31.05.2024

2. AE, M/s.Yongma Sterling(JV), Lr.No.YMSITC/NHAI/PD/PIU/MDU/2024/828

Dt:09.05.2024

3. This Office Lr.No. NHAI/PIU/MDU/NH-785-I/Utility/2024/939 Dt:02.05.2024

4. The Chief Engineer, Madurai Corporation, Madurai Lr.No.Nil Dated: 12.04.2024  
(Received On:29.04.2024)

-----  
Sir,

Vide letter under ref(4), the Chief Engineer, Madurai Corporation, Madurai has submitted a proposal seeking Permission for laying of Water Pipeline Across the road at Km.3+517, Km.5+227 and Km.6+047 of Madurai -Chettikulam Section of NH-785 in the State of TamilNadu. Vide reference 3<sup>rd</sup> cited, the proposal has been forwarded to the Authority Engineer, M/s.Yongma Sterling(JV), Madurai for verification of the above proposal.

2. Vide ref.2<sup>nd</sup> cited, the Authority Engineer, M/s.Yongma Sterling(JV), Madurai has recommended the proposal with the following conditions,

- No damage to the existing highway, Road furniture's and other existing utilities. If any damages occurred to the Highway properties, the applicant/ concern department should restored the same at their own risk and cost.
- Free flow of traffic should be maintained while carrying out the work.

Corporate Office : G-5 & 6, Sector-10, Dwarka, New Delhi - 110 075. Tel : 011-2507 4100 / 2507 4200 Website : [www.nhai.gov.in](http://www.nhai.gov.in)

Regional Office : 2nd & 3rd Floor, Vijay Krishna Plaza, No.1, Lake Area, Melur Main Road, Mattuthavani, Madurai - 625 107. Ph: +91 452-2588999 E-mail: [romadurai@nhai.org](mailto:romadurai@nhai.org)

File No. PROJ-26016(39)/3/2024-PIU Madurai (Computer No. 252237)

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- The approved drawings, methodology for the above work should be strictly followed by the applicant.
- In case of improper restoration or defects found after laying, the bank guarantee will be forfeited & appropriate action shall be taken.
- During the execution of work, utmost care should be taken and not to cause any damages to the road properties such as existing utilities (Electrical Lines, Water/Sewage Lines, OFC etc.,) drains, Hand Rails, Service roads, avenue plantation, sign boards etc.,
- Shifting of such water pipe line shall be done by the Concern department with their own risk and cost as and when required by the NHAI for any improvement works.
- Excavation work shall be carried out as per instructions of concerned EPC Concessionaire Representatives/AE Representatives/NHAI Representatives.
- During rainy season, extra care shall be taken to the excavated portions.
- Necessary sign boards have to be provided in the working zone areas as per IRC SP 55.
- Submit Traffic Management Plan before start of work and ensure to follow all work zone plan as per IRC SP 55.
- Necessary safety arrangements shall be made during the work plan as per IRC SP 55.
- While Carrying work the Existing Avenue/ Median Plantation should be protected. If any damages occurred applicant should be restored 1: 10 ratio of Plantation at their own cost.
- After completing the work of laying UGD pipe line, restoration work for construction of existing road must be as per NHAI Guidelines, MoRTH specification and as per relevant IRC standards.
- All the construction work should be carried out as per MORT&H specification and IRC/IS guidelines.
- During execution of work there must be proper intimation of stage wise work to EPC Contractor & Authority Engineer team.

#### 6. PD Comments/Recommendation:

- i. The proposal is examined as per Ministry's Circular No. RW/NH-33044/29/2015/S&R(R) dated 22.11.2016 and recommended the above submitted proposal.
- ii. The proposed Under Ground Water Pipe line laying of Water Pipeline Across the road at Km.3+517, Km.5+227 and Km.6+047 of Madurai -Chettikulam Section of NH-785 in



the State of TamilNadu at the depth of 2.00m from top of subgrade by HDD method.

The width of the Project Highway (ROW) at above locations is 24.5, 24.75 & 23.75m.

- iii. Further, vide letter cited under ref.1, the Authority Engineer has certified that, due to laying of proposed water pipe line across the road, the Foundation, Sub Soil, Drain & Duct, pier foundation is not affected at Km.03+517, Km.5+227 & Km.6+047 on NH-785.
- iv. **Calculation of Restoration Charges:** Laying of Water Pipeline across the road at Km.3+517, Km.5+227 and Km.6+047 in Madurai - Chettikulam section of NH-785.

Cost of Restoration Charges @ Rs. 1 Lakh per crossing (3 Nos.)	3,00,000
Total cost of restoration charges - Rs. 3,00,000/-	

- a) As per MoRT&H norms Rs.1 Lakh per crossing and totally 3 nos of road crossing through HDD method and the same may be considered.
- b) Hence, the Bank Guarantee of value Rs.3,00,000/- towards Restoration Charges may be obtained from the applicant.

v. **Calculation of License Fee:**

LICENSE FEES FOR PUBLIC UTILITY								
[Utilized NH Land area X prevailing Circel Rate of Land per unit area ) X (1.5%)]								
SL. NO	NAME OF VILLAGE	CHAINAGE IN KM		SIDE	LENGTH (L) (in mt)	DIA OF THE PIPE (D) (m)	UTILIZED NH LAND AREA (D x L) (sq.m)	PREVAILING CRICLE RATE OF LAND PER UNIT AREA (sq.m) (Rs)
		FROM	TO					
<b>Area Occupied across the road</b>								
1	Athikulam	3.517			24.50	0.7	17.15	8075.00
2	Thirupallai	5.227			24.75	0.7	17.33	7535.00
3	Thirupallai	6.047			23.75	0.6	14.25	7535.00
<b>TOTAL</b>					73.00		48.73	
<b>As per MoRT&amp;H norms Minimum License fee = Rs.10,000/Annum</b>								
License For Public Utility for 1 Year								₹ 10,000.00
License For Public Utility for 2 Year								₹ 10,600.00
License For Public Utility for 3 Year								₹ 11,236.00
License For Public Utility for 4 Year								₹ 11,910.00
License For Public Utility for 5 Year								₹ 12,626.00
<b>Total License Fee For Public Utility for 5 Year</b>								₹ 56,372.00

- a) As per MoRT&H Norms, the Cost of Restoration Charges has been calculated for 5 Years and mentioned in the above table is Rs.56,372/- by considering the prevailing circle rate of Rs.8,075/Sq.m for the Village Athikulam & Rs.7,535/Sq.m for the Village Thirupalai (The details of guideline value is enclosed in the proposal).

Subject to the above, the proposal of the Chief Engineer, Madurai Corporation, Madurai regarding Permission for laying of Water Pipeline Across the road at Km.3+517, Km.5+227 and Km.6+047 of Madurai -Chettikulam Section of NH-785 in the State of TamilNadu as detailed above may be considered and In-Principle approval may kindly be accorded.

Encl: 1. Proposal - 2 No's.  
2. Copy of the References.

Yours faithfully,



(Keerthi Bharadwaj)  
Project Director  
PIU - Madurai

Copy to :

The Chief Engineer, Madurai Corporation, Madurai - For information.



In association with

Yongma Engineering Co. Ltd.  
301-302 Times Centre, Sector-54 Gurugram -122003  
Haryana, India. 0124-4746202, anilverma@ymeng.in

 **sterling indo tech**  
endeavour to excellence

Sterling Indo Tech Consultants P Ltd.  
601, Sunny Mart, New Aatish Market, Mansarovar,  
Jaipur 302020, India, CIN: U74140RJ2008PTC025977.  
ha@sterlingindotech.com, www.sterlingindotech.com

YMSITC/NHAI/PD/PIU/MDU/2024/831

Date: 31.05.2024

To,  
Project Director  
National Highways Authority of India  
Plot no: 3, Surya Towers,  
2nd Floor, 1st East Street, K K Nagar,  
Madurai – 20

**NHAI-PIU MADURAI**

IN: No	1900
DATE	1-6-24
PD	
DM(T)	✓
LO	
SE	✓

DM(T) (pl putup)

4/6/24

**Sub:** Four laning of Madurai - Chettikulam section of NH-785 from Madurai (Km 0/000 to Chettikulam Km 7/300) on EPC mode under Bharatmala Pariyojna Phase – 1, in the State of Tamil Nadu- **Laying of Water Pipe line in (Madurai - Chettikulam Section) of NH - 785 Road Across the road @ Km.03/517, Km.05/227 & Km.06/047 Total Length of 73Meters, by HDD method - proposal - Reg.**

**Ref:**

1. NHAI Letter no: NHAI/PIU/MDU/NH-785-I/Utility/2024/939 dt.02.05.2024
2. The Chief Engineer, Madurai Corporation, Madurai Letter no. Nil dt.12.04.2024 (Received On .29.04.2024)
3. Our Lr no: YMSITC/NHAI/PD/PIU/MDU/2024/828 dt: 09.05.2024

Dear Sir,

In continuation our letter reference no 3 cited above, it is to certify that due to laying of proposed water pipe line on NH-785 Road across the road @ Km 03/517, Km 05/227 & Km 06/047 Foundation, Sub soil, Drain & Duct, pier foundation is not affected in above these location and it is safe.

This is for your kind information.

Thanking You,

With Regards,

Virendra mittal

Authorized Representative of AE

Madurai – Chettikulam Package

Yongma – Sterling, Madurai

**CC.**

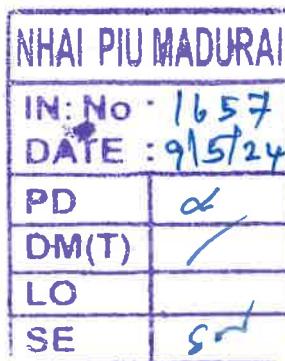
1. The Authorized signatory of Kalpataru Projects International Limited, Madurai.
2. The Authority Engineer, Yongma Engineering Co. Ltd in Association with Sterling Indo Tech Consultants (P) Ltd.



YMSITC/NHAI/PD/PIU/MDU/2024/828

Date: 09-05-2024

To,  
Project Director  
National Highways Authority of India  
Plot no: 3, Surya Towers,  
2nd Floor, 1st East Street, K K Nagar,  
Madurai – 20



**Sub:** Four laning of Madurai - Chettikulam section of NH-785 from Madurai (Km 0/000 to Chettikulam Km 7/300) on EPC mode under Bharatmala Pariyojna Phase – 1, in the State of Tamil Nadu- **Laying of Water Pipe line in (Madurai - Chettikulam Section) of NH - 785 Road Across the road @ Km.03/517, Km.05/227 & Km.06/047 Total Length of 73Meters, by HDD method - proposal submitted - approval requested - Reg.**

**Ref:**

1. NHAI Letter no: NHAI/PIU/MDU/NH-785-I/Utility/2024/939 dt.02.05.2024
2. The Chief Engineer, Madurai Corporation, Madurai Letter no. Nil dt.12.04.2024  
(Received On .29.04.2024)

Dear Sir,

Submitted proposal for installation of Water Pipe line Across @ Km.03/517, Km.05/227 & Km.06/047 by HD method of NH-785 (Madurai - Chettikulam Section). by CE Madurai corporation In this connection check list and Conditions to be enclosed/incorporated in the approval letter for permission for laying of Water pipe line is also attached by CE Madurai corporation.

Necessary permission can issue to enable to install the Water Pipe across the road NH - 785 Madurai-Chettikulam.

In this regard, the above proposal is hereby recommended with the following conditions,

- No damage to the existing highway, road furniture's and other existing utilities. If any damages occurred to the Highway properties, the applicant shall restore at their own risk and cost.
- Free flow of traffic should be maintained while carrying out the work.
- Proper safety precautionary measures should be made available at site till the completion of work.
- The approved drawings, methodology for the above work should be strictly followed by the applicant.
- In case of any defects found, the bank guarantee will be forfeited & appropriate action shall be taken.
- During the execution of work, utmost care should be taken and not to cause any damages to the road properties such as existing utilities (EB Lines, OFC etc.,) drains, service roads, shoulders, sign boards etc.,
- Excavation work shall be carried out as per the instructions of concerned NHA Representatives.





Yongma Engineering Co. Ltd.  
301-302 Times Centre, Sector-54 Gurugram -122003  
Haryana, India, 0124-4746202, anilverma@ymeng.in

Sterling Indo Tech Consultants P Ltd.  
601, Sunny Mart, New Aatish Market, Mansarovar,  
Jaipur 302020, India, CIN: U74140RJ2008PTC025977,  
ho@sterlingindotech.com, www.sterlingindotech.com

- While carrying work the Existing Avenue Plantation should be protected. If any damages occurred applicant should be restored 1: 10 ratio of Plantation at their own cost.
- During rainy season, extra care shall be taken to the excavated portions.
- Necessary sign boards have to be provided in the working zone areas.
- All the construction work should be carried out as per MORT&H specification and IRC/IS guidelines.

During execution there must be proper intimation of stage wise work to EPC contractor engineer and Authority Engineer team.

Thanking You,

With Regards,

Virendra mittal

Authorized Representative of AE  
Madurai – Chettikulam Package  
Yongma – Sterling, Madurai



CC.

1. The Authorized signatory of Kalpataru Projects International Limited, Madurai.
2. The Authority Engineer, Yongma Engineering Co. Ltd in Association with Sterling Indo Tech Consultants (P) Ltd.

**Madurai Corporation**  
**Arignar Anna Maligai**  
**Tallakulam,**  
**Madurai – 625 002**



**Ph: 0452-2530521**  
**0452-2530528**

**Chief Engineer**  
**Madurai Corporation**

**Date: 12.04.2024**

**To**

The Project Director,  
 NHAI - PIU,  
 Madurai.

**Through Proper Channel**

Dear Sir,

<b>NHAI PIU MADURAI</b>	
IN: No	1501
DATE	29/4/24
PD	✓
DM(T)	✓
LO	
SE	SD

**Sub: Laying of Water Pipe line in (Madurai – Chettikulam Section) of NH - 785 Road Across the road @ Km.03/517, Km.05/227 & Km.06/047 Total Length of 73Meters, by HDD method – proposal submitted – approval requested – reg.**

The above NH – 785 Road not display in online (MoRTH-NOC portal). So, we have submitted for Offline. This is for your kind information.

*J. J. Upadhyay*  
**Chief Engineer**

**Madurai Corporation.**

**Encl: As above. *S. Upadhyay***

# **WATER PIPE LINE**

## **ROUTE DIAGRAM**

### **SECTION**

(Madurai- Chettikulam Section) of NH - 785 Road  
Across the road @ Km.03/517, Km.05/227 & Km.06/047.  
Total Length of 73 Meters.

### **APPLICANT:**

The Chief Engineer,  
Madurai City Municipal Corporation,  
Madurai - 625 002.

### **SUBMITTED TO**

The Project Director  
National Highway Authority of India  
Madurai.

### **PROPOSAL PREPARED BY**



**M M CONSULTANCY**  
No.: 40, 2<sup>nd</sup> Floor, Bharathi Street,  
Veerappan Chatiram (Post), Erode - 638 004  
Mobile: 09787545861, e-mail: mmconsultancyerode@gmail.com

**From,** **Date:**

**THE CHIEF ENGINEER,**  
**Madurai City Municipal Corporation,**  
**Madurai - 625 002.**

**To,**

**The Project Director,**  
**NHAI - PIU,**  
**Madurai.**

**Sub: Laying of Water Pipe line in (Madurai – Chettikulam Section) of NH - 785 Road Across the road @ Km.03/517, Km.05/227 & Km.06/047 Total Length of 73Meters, by HDD method – proposal submitted – approval requested – reg.**

\*\*\*\*\*

I submit here with the proposal for installation of Water Pipe line Across @ Km.03/517, Km.05/227 & Km.06/047 by HDD method of NH-785 (Madurai - Chettikulam Section).

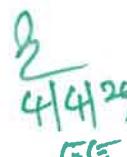
In this connection it is proposed to install the Water Pipe along the road, detailed drawing and check list also enclosed.

I request that necessary permission may please be issued, so as to enable to install the Water Pipe across the road NH - 785 and the restoration charges may be intimated to the above address for making payment.

Thanking You Sir,

**Yours Faithfully,**

  
**THE CHIEF ENGINEER,**

  
**Madurai City Municipal Corporation.**

## CHECK - LIST

### **Guidelines for Project Directors for processing the proposal for Water Pipe Line in the land along the road and across National Highways vested with NHAI.**

- **Relevant circulars**

- 1) Ministry Circular No. NH-41 (58)/68 dated 31.1.1969
- 2) Ministry Circular No. NH-III/P/66/76 dated 18/19.11.1976
- 3) Ministry Circular No. RW/NH-III/P/66/76 dated 11.5.1982
- 4) Ministry Circular No. RW/NH-11037/1/86-DOI (ii) dated 28.7.1993
- 5) Ministry Circular No. RW/NH-11037/1/86/DOI dated 19.1.1995
- 6) Ministry Circular No. RW/NH-34066/2/95/ S&R dated 25.10.1999
- 7) Ministry Circular No. RW/NH-34066/7/2003 S&R (B) dated 17.9.2003
- 8) Ministry Circular No. RW/NH-33044/27/2005-S&R (R) dated 06.08.2013
- 9) 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**

1	General Information		
1.1	Name and Address of the Applicant/Agency	THE CHIEF ENGINEER, Madurai City Municipal Corporation Salem - 625 002.	
1.2	National Highway Number	NH - 785	
1.3	State	TamilNadu	
1.4	Location	Madurai – Chettikulam Section	
1.5	(Chainage in km)	Across the road @ Km.03/517, Km.05/227 & Km.06/047	
1.6	Length in Meters	73 meters	
1.7	Width of available ROW		
	(a) Left side from center line towards increasing chainage/ km direction	Max: 12.25 meters Min:11.00 meters	
	(b) Right side from center line towards increasing chainage/ km direction	Max: 13.25 meters Min:12.75 meters	
1.8	Proposal to lay underground Water pipe line.		
	(a) Left side from center line towards increasing chainage / km direction	Across the Road	
	(b) Right side from center line towards increasing chainage/ km	Across the Road	
1.9	Proposal to acquire land		
	(a) Left side from center line	NA	
	(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		

**CHIEF ENGINEER**  
**MADURAI CORPORATION**

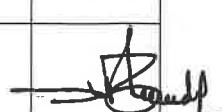
*29*  
Authorised Representative of AE  
Yongma Engineering & Sterling Indotech  
Elevated Corridor 0/0-7/300  
of NH-785  
*Project Director  
Highways Authority of India  
MADURAI*

1.11	Details of already laid services, if any, along the proposed route	No	
1.12	Number of lanes (2/4 /6/8 lanes) existing	Elevated Fly Over Bridge With Service Road.	
1.13	Proposed Number of lanes (2 lane with paved shoulders/4 /6/8 lanes)	-	
1.14	Service road existing or not	Yes	
	If yes then which side		
	(a) Left side from center line	Shown in diagram	
	(b) Right side from center line	Shown in diagram	
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	Crossing by HDD only	
1.17	The permission for laying of Water Pipe line shall be considered for approval / rejection based on the Ministry Circulars mentioned as above.	Considered for approval based on the Ministries circular	
	(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.	NA	
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	
	(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	16 m	
	(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	

  
VIRENDRA MITTAL  
Authorized Representative of AE  
Yongma Engineering & Sterling Indotech

  
Project Director  
National Highways Authority of India  
MADURAI

  
CHIEF ENGINEER  
MADURAI CORPORATION

	(e) Ends of the casing/conduit pipe shall be sealed from the outside, so that it does not act as a drainage path.	Outer concrete plugging encasing concrete between casing & carrier pipe at the ends	
	(f) The casing/conduit pipe should, as minimum extend from drain to drain in cuts 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	
2	Document / Drawings enclosed with the proposal	Yes	
2.1	<p>Cross section showing the size of trench for open trenching method (Is it normal size of 1.2m deep X 0.3m wide)</p> <p>(i) Should not be greater than 60 Cm wider than the outer diameter of the pipe</p> <p>(ii) 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</p> <p>(iii) Shall not be permitted to run along the National Highways when the road formation is situated in double cutting. Nor shall these be laid over the existing culverts and bridges</p> <p>(iv) These should be so laid that their top is at least 0.6 meter below the ground level so as not to obstruct drainage of the road land.</p>	<p>NA</p> <p>NA</p> <p>NA</p> <p>NA</p>	
2.2	Cross section showing the size of pit and location of pipe for HDD method	Yes	
2.3	Strip plan/ Route Plan showing Water Supply pipe line, Chainage, width of ROW, distance of proposed, pipe	Yes	

CHIEF ENGINEER

MADURAI CORPORATION

31 VINENDRA MITTAL

Authorised Representative of AE

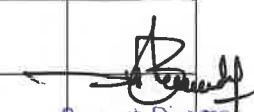
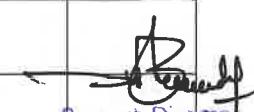
Yangma Engineering &amp; Sterling Indotech

Elevated Corridor 010/73300

Project Director

National Highways Authority of India

MADURAI

	line from the edge of ROW, important mile stone, intersections, cross drainage works etc.		
2.4	Methodology for laying of showing Water Supply pipe line.	Yes ( HDD Method)	
2.4.1	Open trenching method. (May be allowed in utility corridor only where pavement is neither cement concrete nor dense bituminous concrete type. If yes, Methodology of refilling of trench	NA	
	(a) The trench width should be at least 30 cm, but not more than 60 cm wider than the outer diameter of the pipe.	NA	
	(b) For filling of the trench, Bedding shall be to a depth of not less than 30 cm. It shall consist of granular material, free of lumps, clods and cobbles and graded to yield a firm surface without sudden change in the bearing value. Unsuitable soil and rock edged should be excavated and replaced by selected material.	NA	
	(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.	NA	
	(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. (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.	NA	
	(f) The excavation shall be protected by flagman, signs and barricades, and red lights during night hours.	NA	
	(g) If required, a diversion shall be constructed at the expense of agency owning the utility line	NA	
2.4.2	Horizontal Directional Drilling (HDD) Method	Yes	
2.4.3	Laying of Water Pipe Line through CIJ works and method of laying		No. 32, <b>National Highways Authority of India</b> Project Director MADURAI

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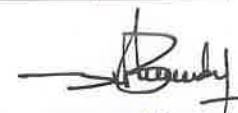
	CD works and method of laying		
3	Draft License Agreement signed by two witnesses	Yes, enclosed with proposal	
4	Performance Bank Guarantee in favour of NHAI has to be obtained @ Rs100/- per running meter (parallel to NH) and Rs1,00,000/- per crossing of NH, for a period of one year initially (extendable 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.	To be obtained.	
4.1	Performance BG as per above is to be obtained.	To be obtained.	
4.2	Confirmation of BG has been obtained as per NHAI guidelines	To be obtained at the time of execution of Agreement.	
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, enclosed with proposal	
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	-	
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		
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	
5.12	Certificate from the applicant in the following format <i>(i) Laying of Water pipe line will not have any deleterious effects on any of the bridge components and roadway safety for traffic.</i> <i>(ii) for 4-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."</i>	Yes, enclosed with proposal	
6.	Who will sign the agreement on behalf of Water pipe line agency	THE CHIEF ENGINEER, Madurai City Municipal Corporation, Madurai 625 002	
7	<b>Certificate from the Project Director</b>		
7.1	Certificate for confirming of all standard condition issued vide Ministry Circular		
7.2	Certificate from PD in the following format <i>(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".</i> <i>(ii) for 4-lanning</i>	Yes	

  
**CHIEF ENGINEER**  
**MADURAI CORPORATION**

4/4/24  
55

  
**VRENDRA MITTAL**  
Authorised Representative of AE  
Yangma Engineering & Sterling Indotech  
Elevated Corridor 010-71300  
of NH - 785  
34 Madurai - 625 017

  
**Project Director**  
**National Highways Authority of India**  
**MADURAI**

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 [Madurai - Chettikulam Section] Across the road @ Km.03/517, Km.05/227 & Km.06/047 of NH-785 on Build, Operate and Transfer Basis] and therefore, the licensee shall honour the same."	NA	
9	Who will supervise the work of laying of Water pipe line	Consultants and relevant filed 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.	BG will enclosed. Claim amount will be determined according to 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.	The Applicant should pay claims.	
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.	
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.	

  
**CHIEF ENGINEER**  
**MADURAI CORPORATION**  
9/4/2024  
65

  
**VIRENDRA MITTAL**  
 Authorised Representative of AE  
 Yangm Engineering & Sterling Indotech  
 Elevated Corridor O/O-7/300  
 of NH - 785  
 Madurat-025-017

  
 Project Director  
 NHAI-PIU- MADURAI.  
  
 Project Director  
 National Highways Authority of India  
 MADURAI.

Annexure-I

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

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.

*Handwritten Signature*  
**VIRENDRA MITTAL**

36  
Authorised Representative of AE  
Yangma Engineering & Sterling Indotech  
Mobile: 98421 09 7300

**CHIEF ENGINEER**

**MADURAI CORPORATION**

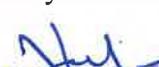
- (f) The road crust shall be built to the same strength as the existing crust on either side of the trench or to thickness and specifications stipulated by the Highways Authority. Care shall be taken to avoid the formation of a dip at the trench.
- (g) The excavation shall be protected by flagman, signs 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 or 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.

**CHIEF ENGINEER**  
**MADURAI CORPORATION**

**VIRENDRA MITTAL**

**Authorised Representative of AE**

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.

  
**VIRENDRA MITTAL**  
 Authorised Representative of AE  
 Yangma Engineering & Sterling Indotech  
 38  
 Elevated Corridor 0/0-7/1300  
 of NH - 785  
 Madurai-029-0117

  
**CHIEF ENGINEER**  
**MADURAI CORPORATION**

44. Strict compliance of the following by the Project Director:
- 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.
  - 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.
  - 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.
  - 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.
  - 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.
  - A register of records of the permissions accorded has to be maintained by the PD in the prescribed proforma (copy enclosed)
  - Project Director is authorized to sign an agreement (IN ACCORDANCE WITH THE MODEL AGREEMENT) with the applicant, on behalf of NHAI.

  
**CHIEF ENGINEER**  
**MADURAI CORPORATION**

  
**VIRENDRA MITTAL**  
 Authorized Representative of AE  
 Yongma Engineering & Sterling Indotech  
 Elevated Corridor 0/0-7/300  
 of NH - 785  
 Madurat-625 017

**Restoration Charges to be collected for Laying of Water Pipe Line NH -785**

**Road (Madurai to Chettikulam Section) Across the road @ Km.03/517,**  
**Km.05/227 & Km.06/047 in the state of Tamil Nadu, National Highways.**

Cost of Restoration Charges Across the Road @ Rs. 1,00,000/-per crossing (3 x 1,00,000)	Rs.3,00,000/-
<b>Restoration Charges</b>	<b>Rs.3,00,000/-</b>

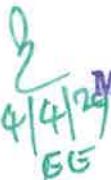
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4/4/14  
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CHIEF ENGINEER  
MADURAI CORPORATION

*Virendra Mittal*  
VIRENDRA MITTAL  
Authorized Representative of AE  
Yangma Engineering & Sterling Indotech  
Elevated Corridor 0/0-7/300  
of NH - 785  
Madurat #25 017

**License Fees Laying of Water Pipe Line NH -785 Road (Madurai to Natham Section) Across the road @ Km.03/517 Km.05/227 & Km.06/047 in the state of Tamil Nadu, National Highways.**

SL. NO	NAME OF VILLAGE	CHAINAGE IN KM	LENGTH (L) (in mt)	DIA OF THE PIPE (D) (m)	UTILIZED NH LAND AREA (D x L) (sq.m)	PREVAILING CRICLE RATE OF LAND PER UNIT AREA (sq.m) (Rs)	LICENSE FEE (PRIVATE UTILITY) (Rs)
							Across the Road
1	Athikulam	3.517	24.50	0.7	17.15	8075.00	2077.29
2	Thirupallai	5.227	24.75	0.7	17.33	7535.00	1958.16
3	Thirupallai	6.047	23.75	0.6	14.25	7535.00	1610.61
TOTAL			73.00		48.73		5646.06
TOTAL License fee =Rs.5646.06/Annum Say Rs.10,000.							
License For Public Utility for 1 Year = Rs.10000							
License For Public Utility for 2 Year = Rs.10600							
License For Public Utility for 3 Year = Rs.11236							
License For Public Utility for 4 Year = Rs.11910							
License For Public Utility for 5 Year = Rs.12626							
Total License For Public Utility for 5 Year = Rs.56372 /-							

  
**VIRENDRA MITTAL**  
 Authorised Representative of AE  
 Yangma Engineering & Sterling Indotech  
 Elevated Corridor 0/0-7/300  
 of NH - 785  
 Madurai-625 017

  
**CHIEF ENGINEER**  
**MADURAI CORPORATION**  
  
 4/4/24  
 BG

3/29/24, 3:56 PM

Inspector General of Registration - Tamil Nadu

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REGISTRATION DEPARTMENT



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9498452120 /  
9498452130

(Monday to Friday 10 AM  
to 5.45 PM, excluding  
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contact:

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## GUIDELINE VALUE & PROPERTY VALUATION

Guideline Value relating to 2.19 lakhs streets and over 4.46 Crores Survey  
Numbers/Subdivision numbers are available on this site for query.

For Property Valuation, Click on the Street Name from the Street List, where the  
property is located.

From: 1-4-2023   To: Current Date   [To know your Zone and District Click Here](#)

**View Guideline value for:**

Street  Survey Number   
Composite Value

**Select Criteria :**

Category Wise  Survey Number  
Wise

**Zone:\***

Madurai

**Sub Registrar Office:\***

Chettikulam(Madurai North)

**Registration Village:\***

Athikulam

**Land Category\***

Residential Class I Type - I

Search

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## Search Criteria :

Zone:	MADURAI	Sub Registrar Office:	CHETTIKULAM(MADURAI NORTH)
Guideline Village:	ATHIKULAM	Revenue Village:	ATHIKULAM
Revenue District:	MADURAI	Revenue Taluk:	MADURAI NORTH

Below Search results are as on 29-Mar-2024 03:56 PM

386 items found, displaying 1 to 10.

[First/Prev] 1, 2, 3, 4, 5, 6, 7, 8 [Next/Last]

Sr.No.	Survey/Subdivision No.	Guideline Value (₹) (British Value)	Guideline Value (₹) (Metric Value)	Land Classification	Effective Start Date	G.O.Download
1	<u>1/2A1A</u>	750/ Square Feet	8075/ Square Metre	Residential Class I Type - I	01-Apr-2023	-
2	<u>1/2A1B</u>	750/ Square Feet	8075/ Square Metre	Residential Class I Type - I	01-Apr-2023	-
3	<u>1/2A2</u>	750/ Square Feet	8075/ Square Metre	Residential Class I Type - I	01-Apr-2023	-
4	<u>1/2B</u>	750/ Square Feet	8075/ Square Metre	Residential Class I Type - I	01-Apr-2023	-
5	<u>1/3B</u>	750/ Square Feet	8075/ Square Metre	Residential Class I Type - I	01-Apr-2023	-
6	<u>1/4B</u>	750/ Square Feet	8075/ Square Metre	Residential Class I Type - I	01-Apr-2023	-
7	<u>1/6B</u>	750/ Square Feet	8075/ Square Metre	Residential Class I Type - I	01-Apr-2023	-
8	<u>13/1</u>	750/ Square Feet	8075/ Square Metre	Residential Class I Type - I	01-Apr-2023	-
9	<u>13/10</u>	750/ Square Feet	8075/ Square Metre	Residential Class I Type - I	01-Apr-2023	-
10	<u>13/11</u>	750/ Square Feet	8075/ Square Metre	Residential Class I Type - I	01-Apr-2023	-

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Inspector General of Registration - Tamil Nadu

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பகுவத்துறை  
REGISTRATION DEPARTMENT

MANUFACTURE TECHNICAL ANDURA POKKALAI



For Complaints and  
Clarifications, please  
contact:

9498452110 /  
9498452120 /  
9498452130

(Monday to Friday 10 AM  
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1800 102 5174  
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## GUIDELINE VALUE & PROPERTY VALUATION

Guideline Value relating to 2.19 lakhs streets and over 4.46 Crores Survey Numbers/Subdivision numbers are available on this site for query.

For Property Valuation, Click on the Street Name from the Street List, where the property is located.

From: 1-4-2023   To: Current Date   [To know your Zone and District Click Here](#)

View Guideline value for:

Street  Survey Number   
Composite Value

Select Criteria :

Category Wise  Survey Number  
Wise

Zone:\*

Sub Registrar Office:\*

Madurai

Chettikulam(Madurai North)

Registration Village:\*

Land Category:\*

THIRUPALLAI

Residential Class I Type - I

Search

Reset

## Search Criteria :

Zone:	MADURAI	Sub Registrar Office:	CHETTIKULAM(MADURAI NORTH)
Guideline Village:	THIRUPALLAI	Revenue Village:	THIRUPPALAI
Revenue District:	MADURAI	Revenue District:	MADURAI NORTH

Below Search results are as on 29-Mar-2024 03:51 PM

56 items found, displaying 1 to 10.  
 [First/Prev] 1, 2, 3, 4, 5, 6 [Next/Last]

Sr.No.	Survey/Subdivision No.	Guideline Value (₹) (British Value)	Guideline Value (₹) (Metric Value)	Land Classification	Effective Start Date	G.O.Download
1	<u>111/3A1</u>	700/ Square Feet	7535/ Square Metre	Residential Class I Type - I	17-Aug-2023	-
2	<u>111/3A1B</u>	700/ Square Feet	7535/ Square Metre	Residential Class I Type - I	17-Aug-2023	-
3	<u>111/3A2</u>	700/ Square Feet	7535/ Square Metre	Residential Class I Type - I	17-Aug-2023	-
4	<u>111/3B</u>	700/ Square Feet	7535/ Square Metre	Residential Class I Type - I	17-Aug-2023	-
5	<u>111/3B1A</u>	700/ Square Feet	7535/ Square Metre	Residential Class I Type - I	17-Aug-2023	-
6	<u>111/3B1A1A</u>	700/ Square Feet	7535/ Square Metre	Residential Class I Type - I	17-Aug-2023	-
7	<u>111/3B1B</u>	700/ Square Feet	7535/ Square Metre	Residential Class I Type - I	17-Aug-2023	-
8	<u>111/3B2</u>	700/ Square Feet	7535/ Square Metre	Residential Class I Type - I	17-Aug-2023	-
9	<u>111/4A1</u>	700/ Square Feet	7535/ Square Metre	Residential Class I Type - I	17-Aug-2023	-
10	<u>111/4A2</u>	700/ Square Feet	7535/ Square Metre	Residential Class I Type - I	17-Aug-2023	-

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தமிழ்நாடு தமில்நாடு TAMILNADU Rs. 100/-

The chief engineer  
Madurai

02/04/2024

DR 543108

D. B. Prabhakar  
ஈ. அகோக்குமார்  
முத்தியாக்காரி விதிவிளையாளர்  
உதவு எண்: 1/DPI/2021.  
தலைமுறை-636791.

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

Agreement to laying of Water Pipe Line Across the road @ Km.03/517, Km.05/227 & Km.06/047 Total Length of 73 Meters of NH-785 (Madurai – Chettikulam Section) in the state of Tamil Nadu, National Highways, Madurai.

This Agreement made this \_\_\_\_\_ day of \_\_\_\_\_ (month) \_\_\_\_\_ of (year) between \_\_\_\_\_ acting in his executive capacity as Chief through \_\_\_\_\_ (hereinafter referred to as the "Authority" which expression shall unless excluded by or repugnant to the context include his successors in office and assigns) on the one part, and The Chief Engineer, Madurai City Municipal Corporation, Madurai – 625 002, Tamilnadu State, (hereinafter called the "Licensee") which expression shall unless excluded by repugnant to the context, include his successors / administrator assignees on the second part.

CHIEF ENGINEER  
MADURAI CORPORATION

Whereas the Authority is responsible, inter-alia, for development and maintenance of lands Across the road @ Km.03/517, Km.05/227 & Km.06/047 Total Length of 73 Meters of NH-785 (Madurai – Chettikulam Section) in the state of Tamil Nadu, National Highways, Madurai.

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 Across the road @ Km.03/517, Km.05/227 & Km.06/047 Total Length of 73 Meters of NH-785 (Madurai – Chettikulam Section) in the state of Tamil Nadu, National Highways, Madurai.

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.
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.

  
**CHIEF ENGINEER**

  
**MADURAI CORPORATION**

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 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.
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.
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.

  
**CHIEF ENGINEER**  
**MADURAI CORPORATION**

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.
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.
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.

  
**CHIEF ENGINEER**  
**MADURAI CORPORATION**

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 not 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:
- Operation, repair and maintenance guidelines given by the manufacturers.
  - The requirements of Law.
  - The physical conditions at the Site, and
  - The safety of operating personnel and human beings.
39. The Licensee shall have to provide safety measures like barricading, danger lighting and other necessary caution 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 bought 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.

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 CHIEF ENGINEER, MADURAI CITY MUNICIPAL CORPORATION, MADURAI – 625 002, TAMILNADU STATE.

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

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

1.

2.



தமிழ்நாடு தமில்நாடு TAMILNADU Rs. 100/-

DR 543109

the chief engineer  
at Madura?

02/04/2024

D. S. ராம்க  
க. அரோக்கம்  
ஸ்ரீமத்துவ விபாகம்  
வ.நிலை எல்: 1/DPI/202  
தினம்: 6-6-2021



## Annexure-V

## UNDERTAKING

**We, The Chief Engineer, Madurai City Municipal Corporation, Madurai – 625 002, Tamilnadu State. Laying of Water Pipe Line Across the road @ Km.03/517, Km.05/227 & Km.06/047 Total Length of 73 Meters of NH-785 (Madurai – Chettikulam Section) in the state of Tamil Nadu, National Highways, Madurai.**

We here by undertake the Standard Conditions of NHAI Guidelines

1. **Not to Damage to Other Utility, if damaged then to pay the losses either to NHAI or to the concerned agency:** Regarding the location of other electrical cable line, underground installation/utilities etc, Madurai City Municipal Corporation shall be responsible to ascertain from the respective agency in coordination with NHAI. Madurai City Municipal Corporation shall ensure the safety and security of already existing cables/underground installation/utilities facilities etc. before commencement of the excavation.

CHIEF ENGINEER  
(39)/3/2024-PIU, Madurai. (Computer No. 252)  
DURAI CORPORATION  
Office by MAHENDRA MEENA, MANGER(T) RO

2. **Renewal of Bank Guarantee:** Tamilnadu Madurai City Municipal Corporation 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 Madurai City Municipal Corporation 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 Madurai City Municipal Corporation shall either furnish a fresh guarantee or extend the guarantee for a further period of one year. In case of Madurai City Municipal Corporation 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 Madurai City Municipal Corporation and recover the amount by invoking the bank guarantee furnished by Madurai City Municipal Corporation.

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, Madurai City Municipal Corporation 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 Madurai City Municipal Corporation.
- (vi) Each day, the extent of Water pipe lineshould 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 all damages and claims, if any, due to the laying of Water pipe line.
- (viii) The NHAI has a right to terminate the permission or to extend the period of agreement. In case the Madurai City Municipal Corporation 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 Madurai City Municipal Corporation 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 Madurai City Municipal Corporation to the use thereof shall not become absolute and indefeasible by laps of time.
- (xii) Madurai City Municipal Corporation shall bear the stamp duty charged for the agreement.
- (xiii) The Water pipe line shall not be brought in to use by Madurai City Municipal Corporation 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) Notwithstanding anything NHAI contained herein this agreement may be cancelled at any time by the for breach of any condition of the same and the Madurai City Municipal Corporation 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 Madurai City Municipal Corporation 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 Madurai City Municipal Corporation.

*116*  
**CHIEF ENGINEER**  
**MADURAI CORPORATION**

4. **Shifting of Water pipe line as and when required by NHAI:** Madurai City Municipal Corporation 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 6lining / widening of NH:** After the termination/expiry of the agreement, Madurai City Municipal Corporation 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 Madurai City Municipal Corporation 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 Madurai City Municipal Corporation.
7. **If any claim is raised by the concessionaire then the same has to be paid by the applicant:** Madurai City Municipal Corporation 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 Madurai City Municipal Corporation. 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 Madurai City Municipal Corporation. If Madurai City Municipal Corporation 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 Madurai City Municipal Corporation.
8. **We, The Chief Engineer, Madurai City Municipal Corporation, Madurai – 625 002, 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, Madurai City Municipal Corporation. 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 Madurai City Municipal Corporation. And recover the amount by invoking the Bank Guarantee. In case the work contemplated is not completed to the satisfaction of NHAI, which has granted the permission, within a period of 11 months from the date of issue of the Bank Guarantee, Madurai City Municipal

CHIEF ENGINEER  
MADURAI CORPORATION

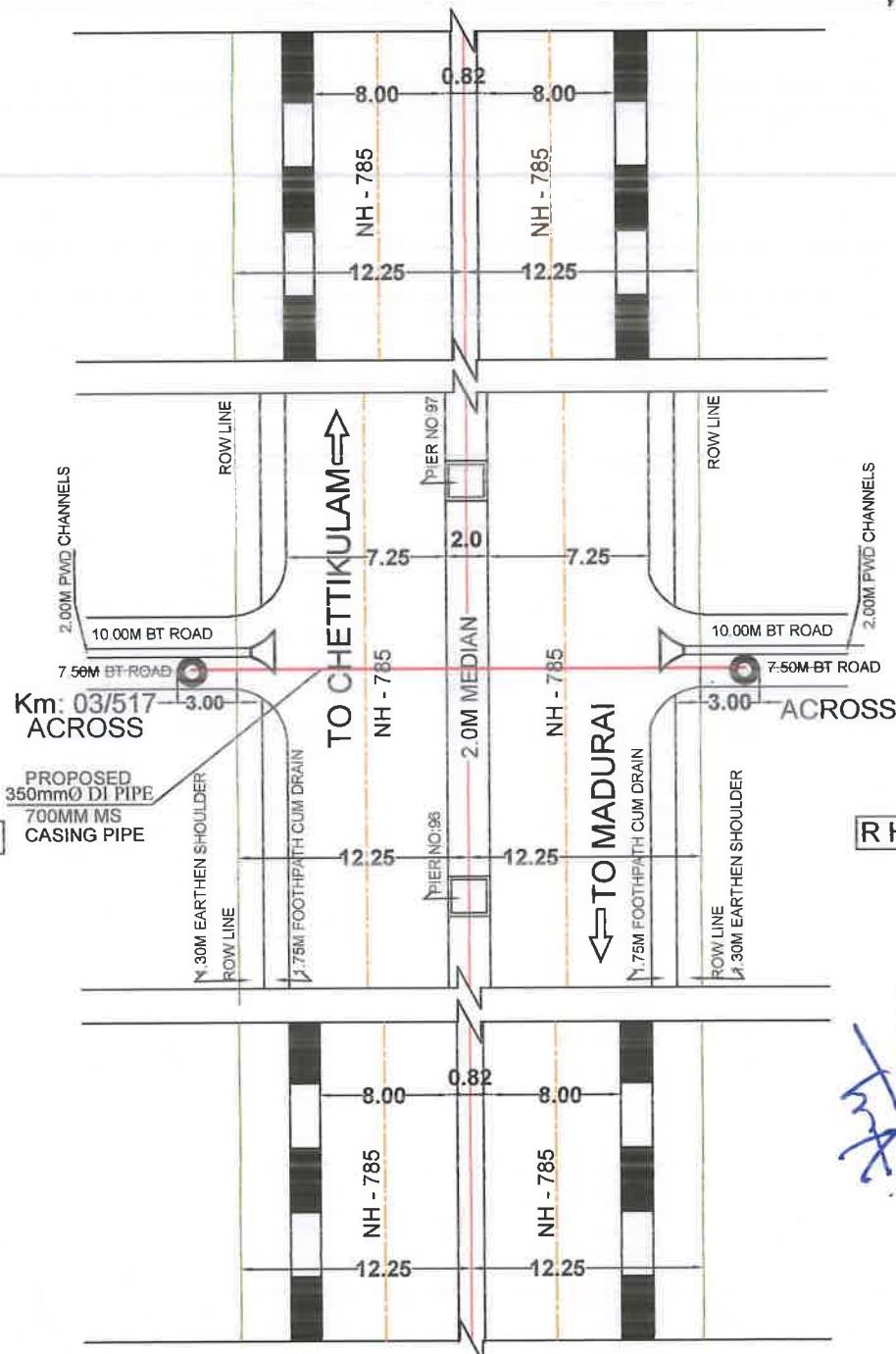
Corporation. Shall either furnish a fresh guarantee or extend the guarantee for a further period of one year.

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 11months from the date of issue of the Bank Guarantees, Madurai City Municipal Corporation 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.”
12. We, The Chief Engineer, Madurai City Municipal Corporation, Madurai – 625 002, Tamilnadu State. hereby undertake that “The existing avenue plantation is not affect due to the present proposed water pipe line Across the road @ Km.03/517, Km.05/227 & Km.06/047 Total Length of 73 Meters of NH-785 (Madurai – Chettikulam Section) in the state of Tamil Nadu.
13. We, The Chief Engineer, Madurai City Municipal Corporation, Madurai – 625 002, 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.
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.

*CHIEF ENGINEER*  
**MADURAI CORPORATION**

4/4/24

156

**LEGEND:**

- PROPOSED WATER PIPE LINE**
- BT ROAD**
- CENTER LINE OF CARRIAGEWAY**
- CENTER LINE OF ROAD**
- BOUNDARY (ROW)**

**Madurai 03/517****of NH - 785****APPLICANT:****(ACROSS @ KM.03/517)****NOTES:**

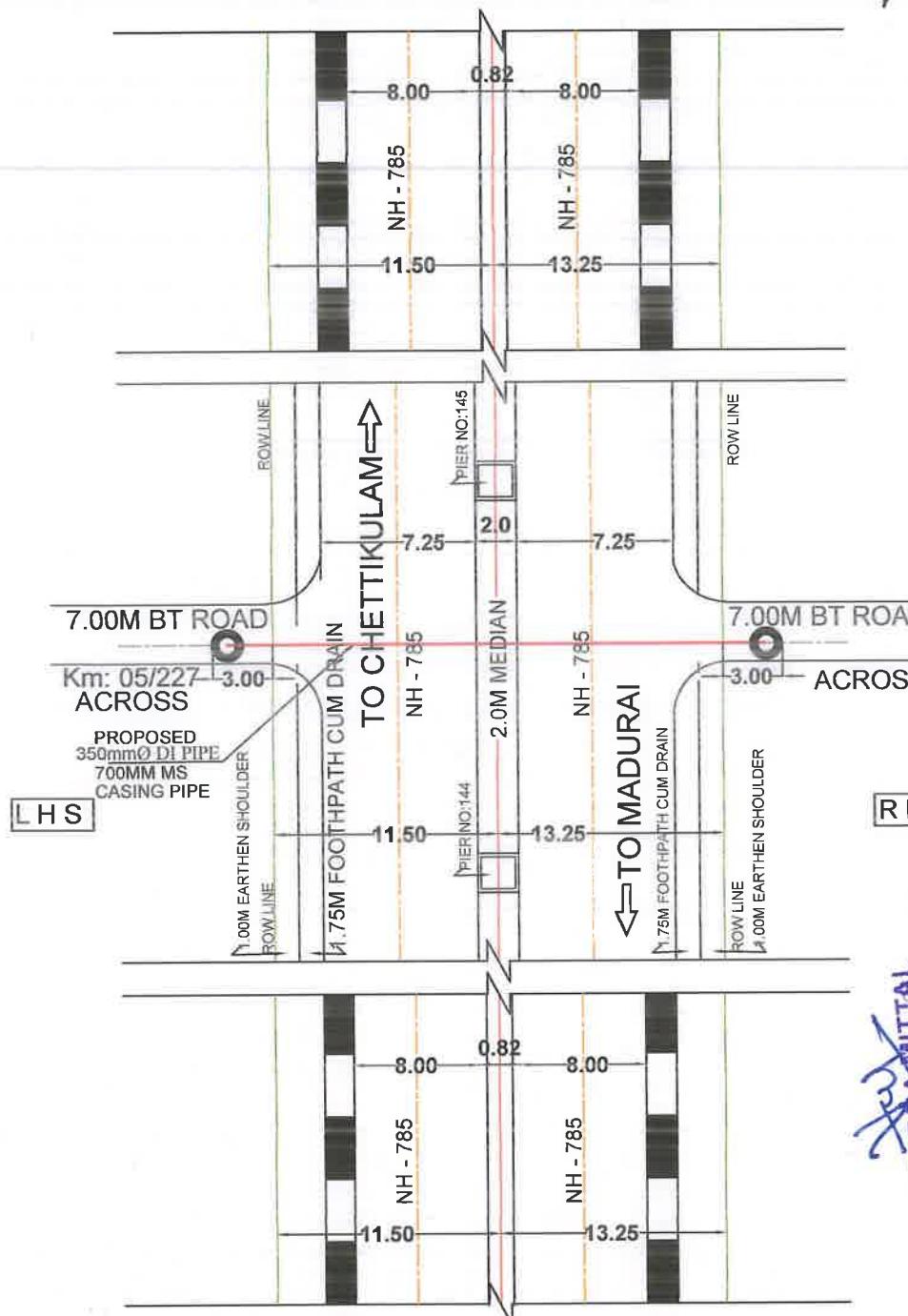
1. ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SPECIFIED
2. ACROSS LENGTH - 24.50M
3. SCALE - N T S

*B*  
**Project Director**  
**National Highways Authority of India**  
**MADURAI.**

*VIRENDRA MITTAL*  
**Authorised Representative of AE**  
**Yenma Engineering & Sterling Indotech**  
**Elevated Corridor 03-7300**

*H*  
**CHIEF ENGINEER**  
**MADURAI CORPORATION**

**THE CHIEF ENGINEER**  
**Madurai City Municipal Corporation**  
**Madurai - 625 002.**



*Bandy*  
Project Director  
National Highways Authority of India  
MADURAI.

- NOTES:
1. ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SPECIFIED
  2. ACROSS LENGTH - 24.75M
  3. SCALE - N T S

*VIRENDRA MITTAL*  
VIRENDRA MITTAL  
Authorised Representative of AE  
Yangon Engineering & Sterling Indotech  
Elevated Corridor 01/7300  
MADURAI CORPORATION  
of NH - 785  
Madurai-#25/017

APPLICANT:

- CENTER LINE OF CARRIAGEWAY  
- CENTER LINE OF ROAD  
- BOUNDARY (ROW)

**THE CHIEF ENGINEER**  
Madurai City Municipal Corporation  
Madurai - 625 002.

LEGEND:

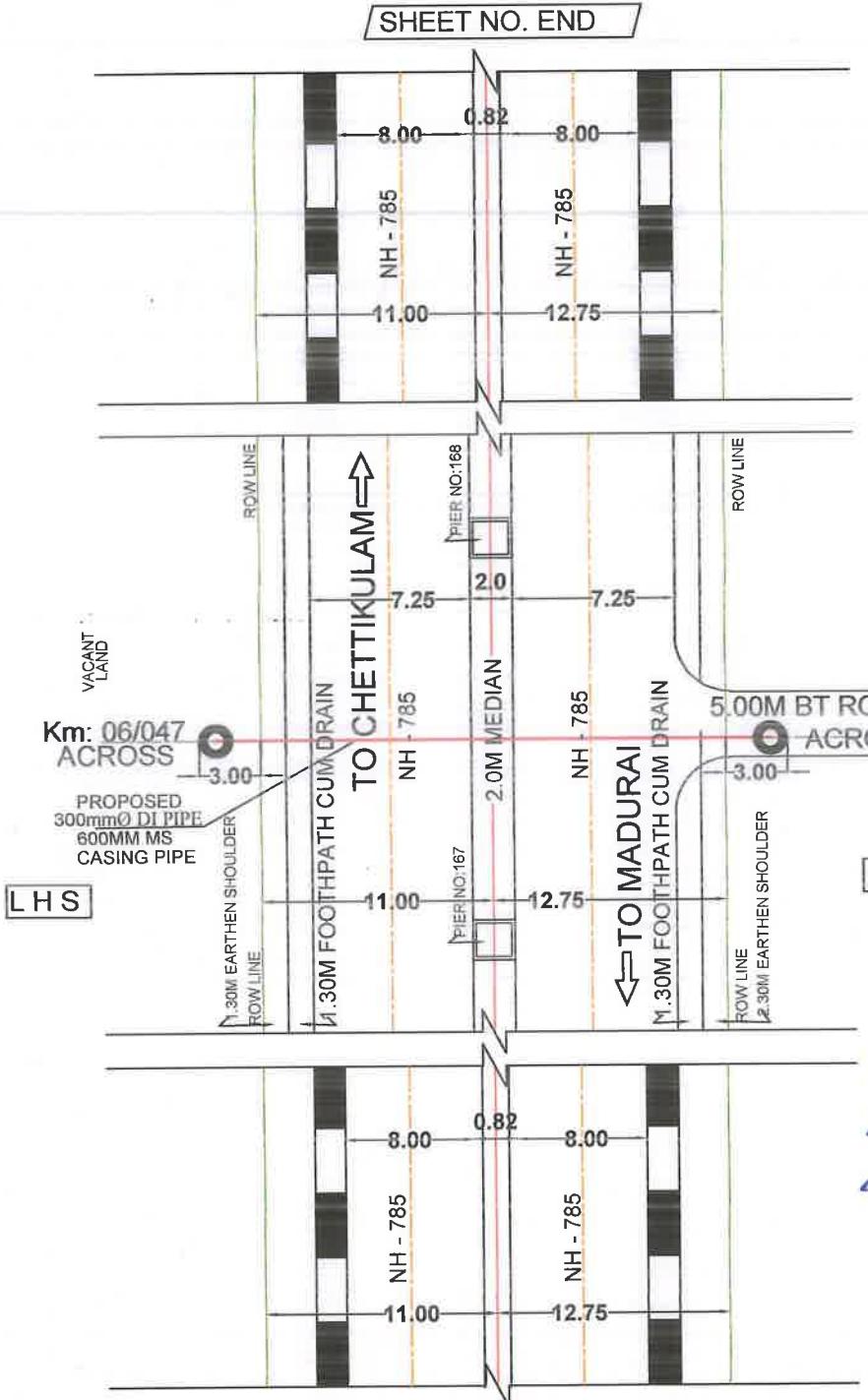
PROPOSED WATER PIPE LINE

- BT ROAD

- CENTER LINE OF CARRIAGEWAY

- CENTER LINE OF ROAD

- BOUNDARY (ROW)



*[Signature]*  
Project Director  
National Highways Authority of India  
MADURAI.

**NOTES:**

1. ALL DIMENSIONS ARE IN METERS  
UNLESS OTHERWISE SPECIFIED
2. ACROSS LENGTH - 23.75M
3. SCALE - N T S

(ACROSS @ KM.06/047)  
1. 06/047  
ACROSS

**THE CHIEF ENGINEER**  
Madurai City Municipal Corporation  
Madurai - 625 002.

*[Signature]*  
VIRENDRA MITTAL  
Authorised Representative of AE  
Yengma Engineering & Sterling Infotech  
Elevated Corridor 06-7/300

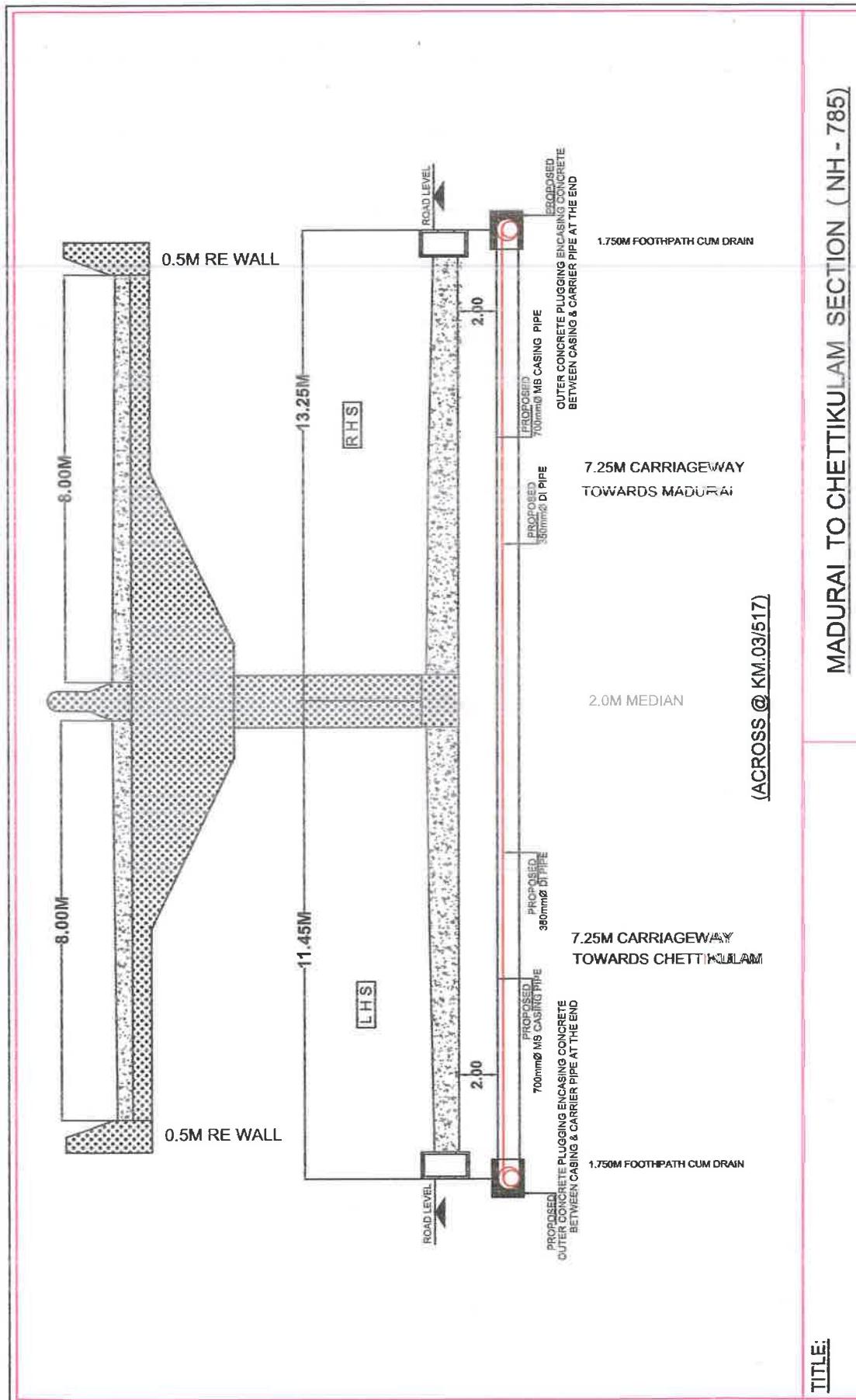
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Madurai - 25/017  
MADURAI TO CHETTIKULAM SECTION ( NH - 785 )

APPLICANT:

*[Signature]*  
**MADURAI CORPORATION**

LEGEND:

- PROPOSED WATER PIPE LINE
- BT ROAD
- CENTER LINE OF CARRIAGEWAY
- CENTER LINE OF ROAD
- BOUNDARY (ROW)

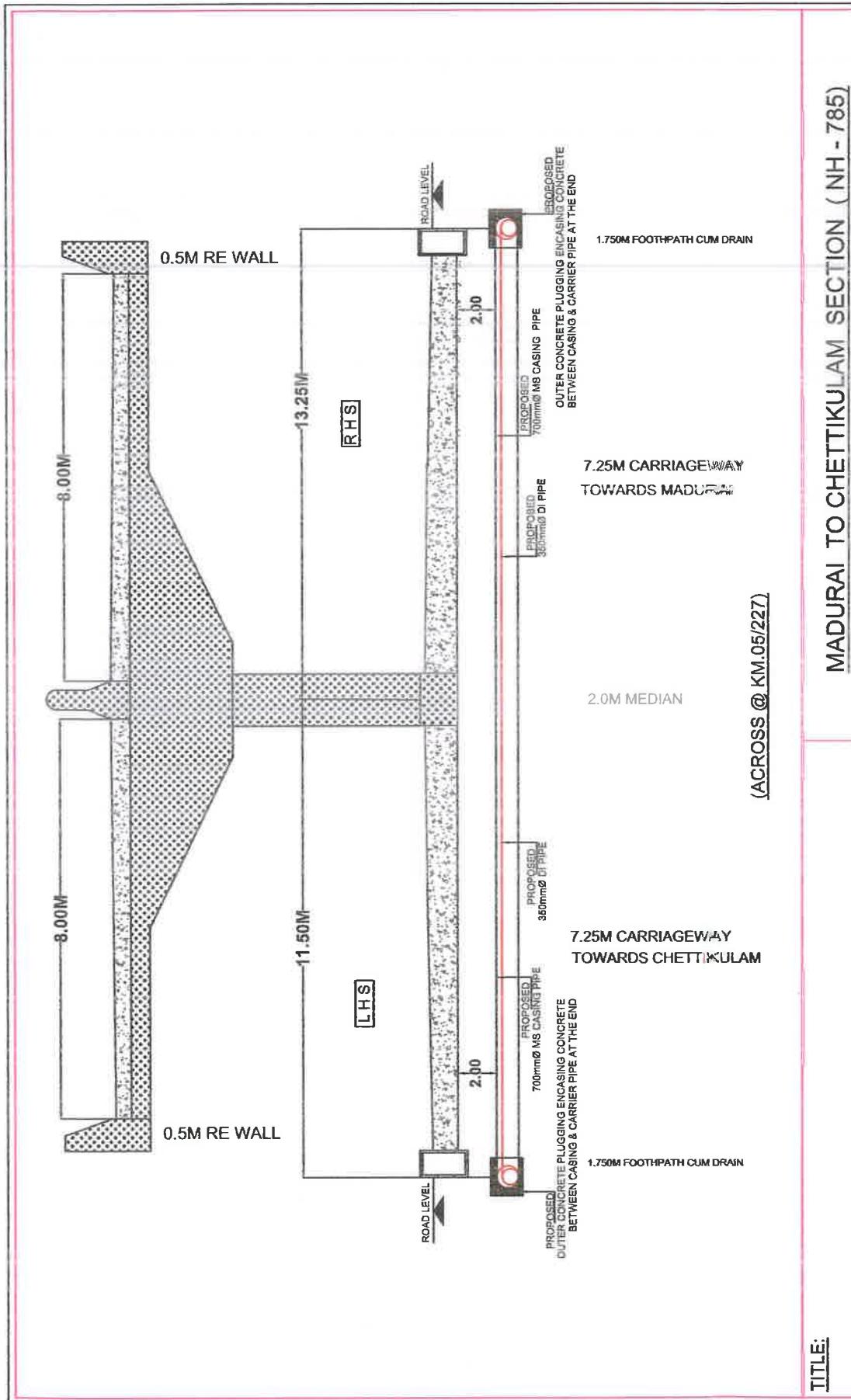


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Project Director  
National Highways Authority of India  
MADURAI

**THE CHIEF ENGINEER**  
Madurai City Municipal Corporation  
Madurai - 625 002.

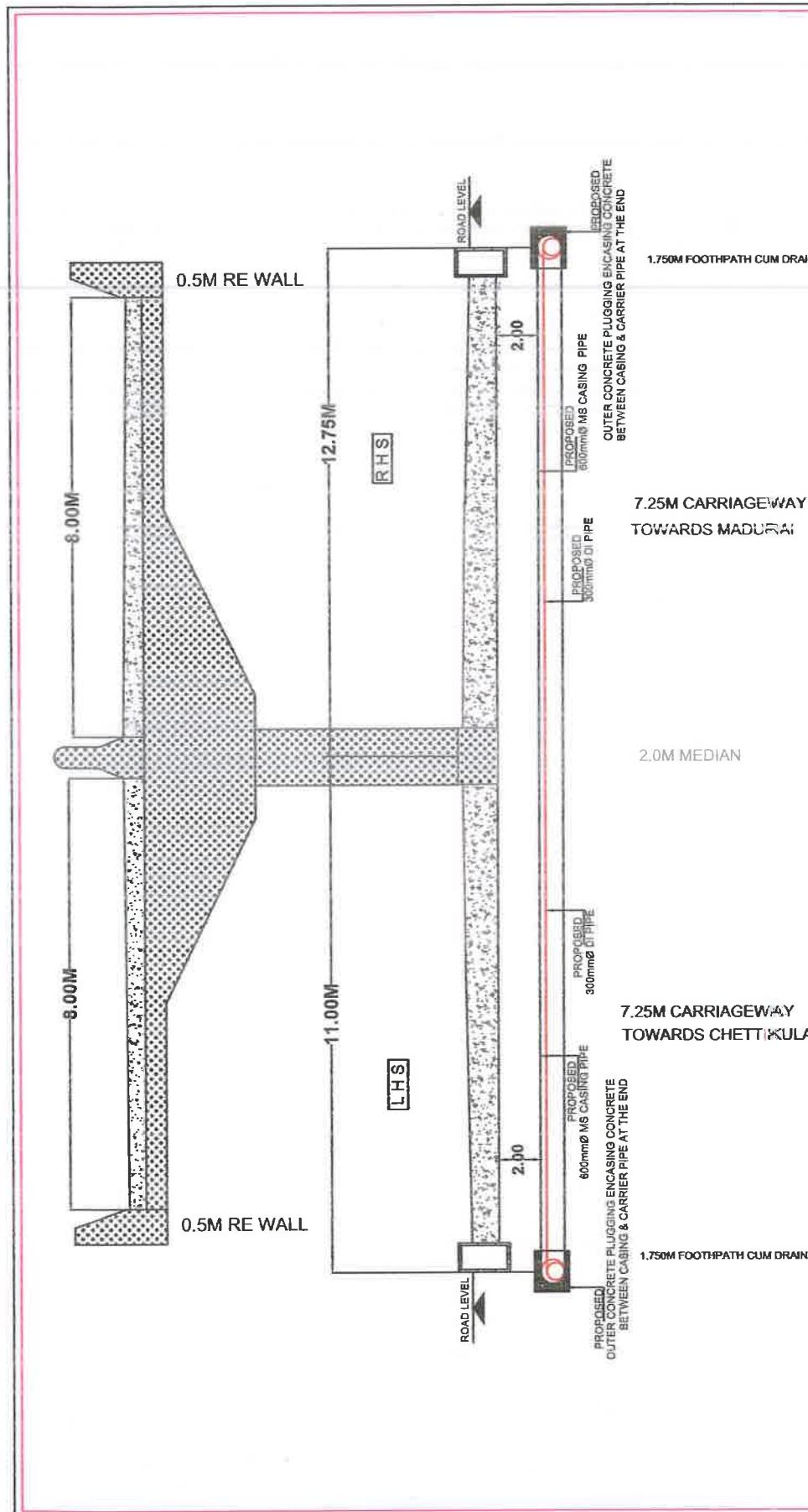
*[Signature]*  
**VIRENDRA MITTAL**  
Authorized Representative of AF  
Yangma Engineering & Sterling Indotech  
Elevated Corridor 010-71300  
Madurai-625 017

*[Signature]*  
**CHIEF ENGINEER**  
**MADURAI CORPORATION**  
44/21  
File No. PROJ-26016(39)/3/2024-PIU Madurai (Computer No. 252237)  
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*[Signature]*  
Project Director  
National Highways Authority of India  
MADURAI

*[Signature]*  
CHIEF ENGINEER  
MADURAI CORPORATION  
414/24



MADURAI TO CHETTIKULAM SECTION ( NH - 785)

TITLE:

CROSSECTION DETAILS FOR NH - 785

APPLICANT:  
VIRENDRA MITTAL  
Authorised Representative of AE  
Yengma Engineering & Sterling Indotech  
Elevated Corridor 016-7/300  
of NH - 785  
Madurai-625 011

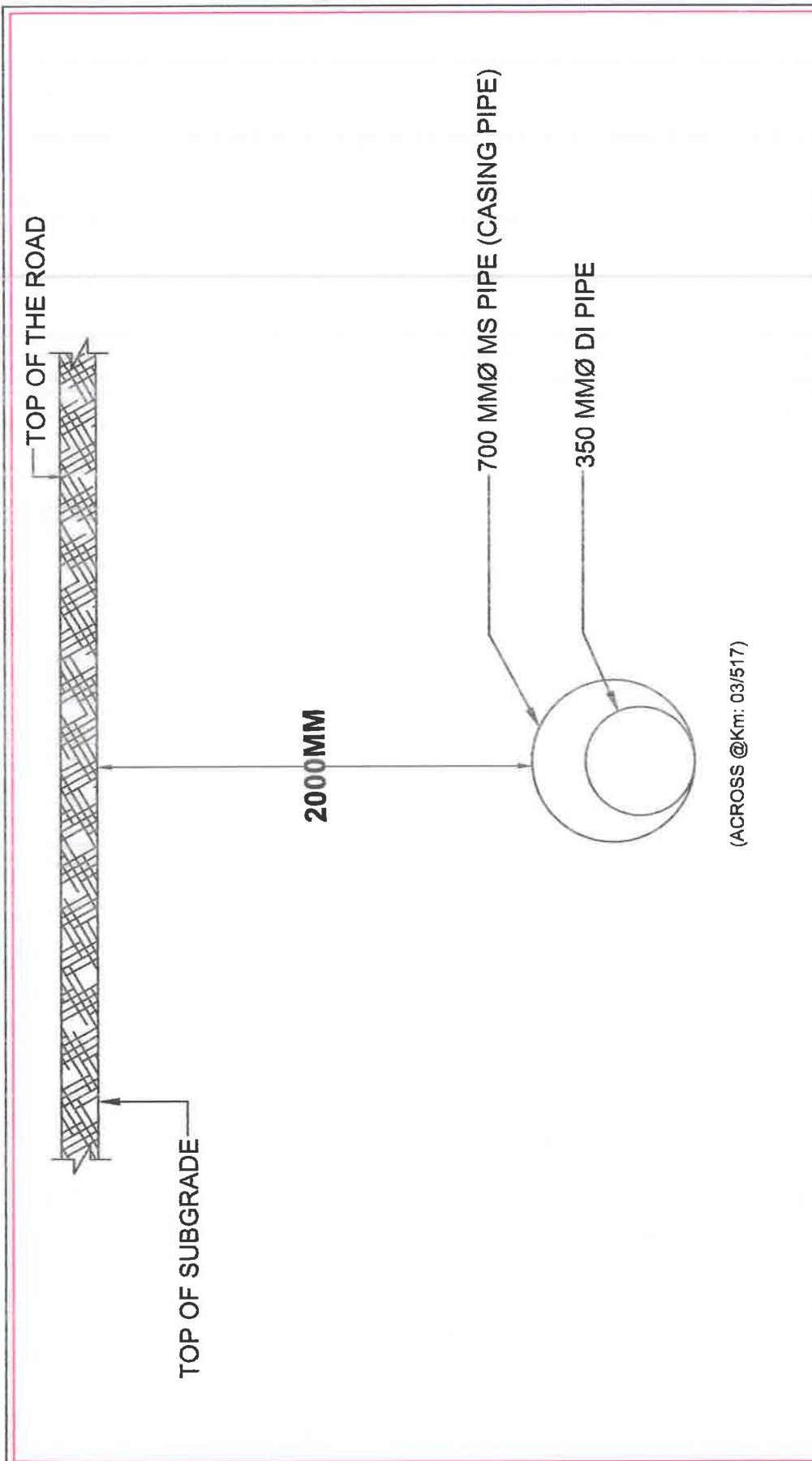
MADURAI TO CHETTIKULAM SECTION ( NH - 785)

THE CHIEF ENGINEER  
Madurai City Municipal Corporation  
Madurai - 625 002.

APPLICANT:

Project Director  
National Highways Authority of India  
MADURAI.

CHIEF ENGINEER  
ADURAI CORPORATION  
44/25



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

APPLICANT:

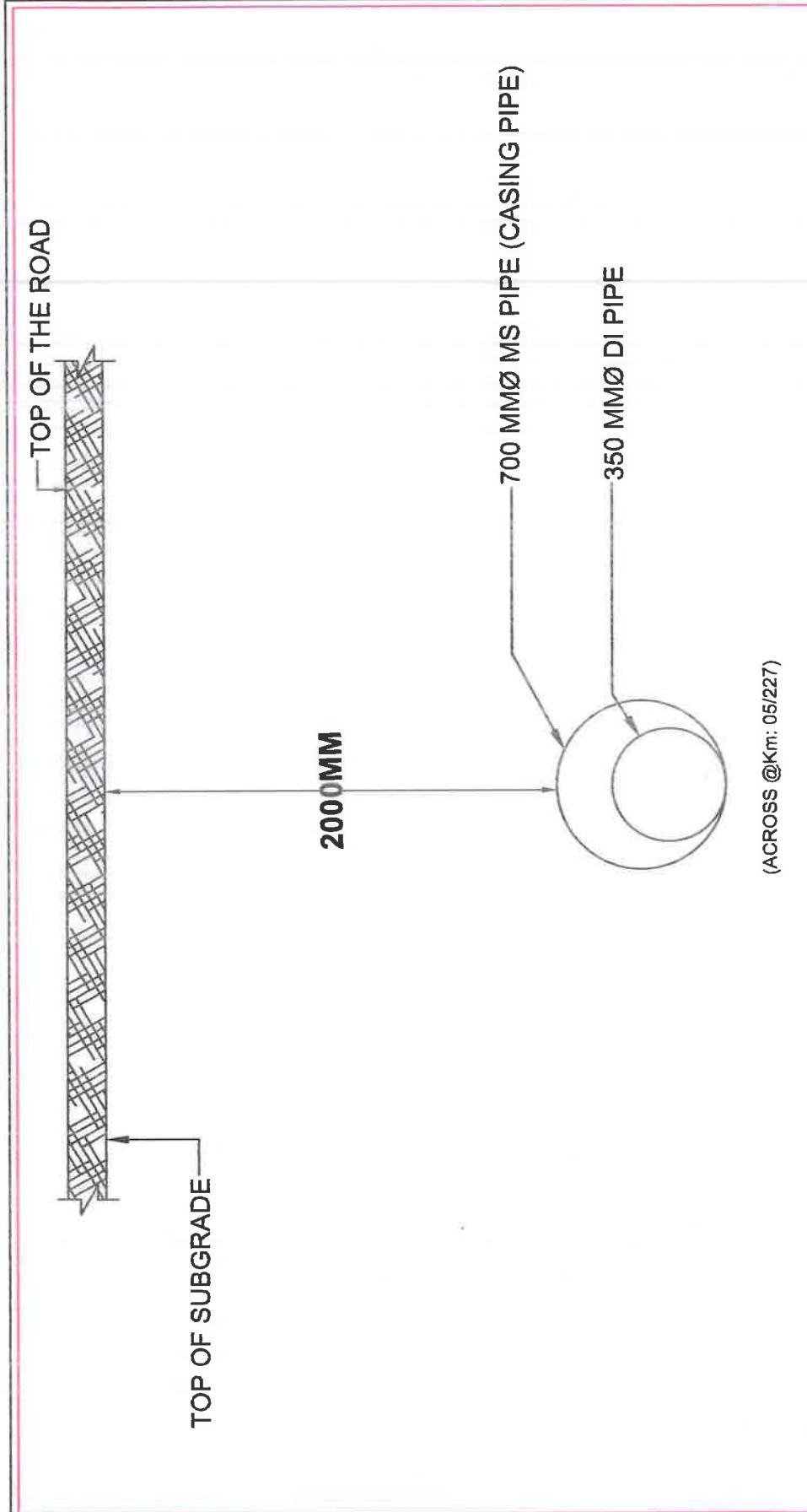
**FIGURE - 1 INSTALLATION OF MS CASING PIPE FOR  
CROSSING THE ROAD TRENCHLESS (HDD METHOD)**

TITLE:

**CHIEF ENGINEER  
MADURAI CORPORATION**

**VIRENDRA MITTAL**  
Authorized Representative of AF  
Authorised Representative of Sterling Indofrac  
Yangma Engineering & Sterling Indofrac  
Elevated Corridor 06-713(W)  
of NH - 785  
MADURAI - 625 017

**Project Director**  
**MADURAI**  
National Highways Authority of India



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

TITLE:

**FIGURE - 1 INSTALLATION OF MS CASING PIPE FOR  
CROSSING THE ROAD TRENCHLESS (HDD METHOD)**

APPLICANT:

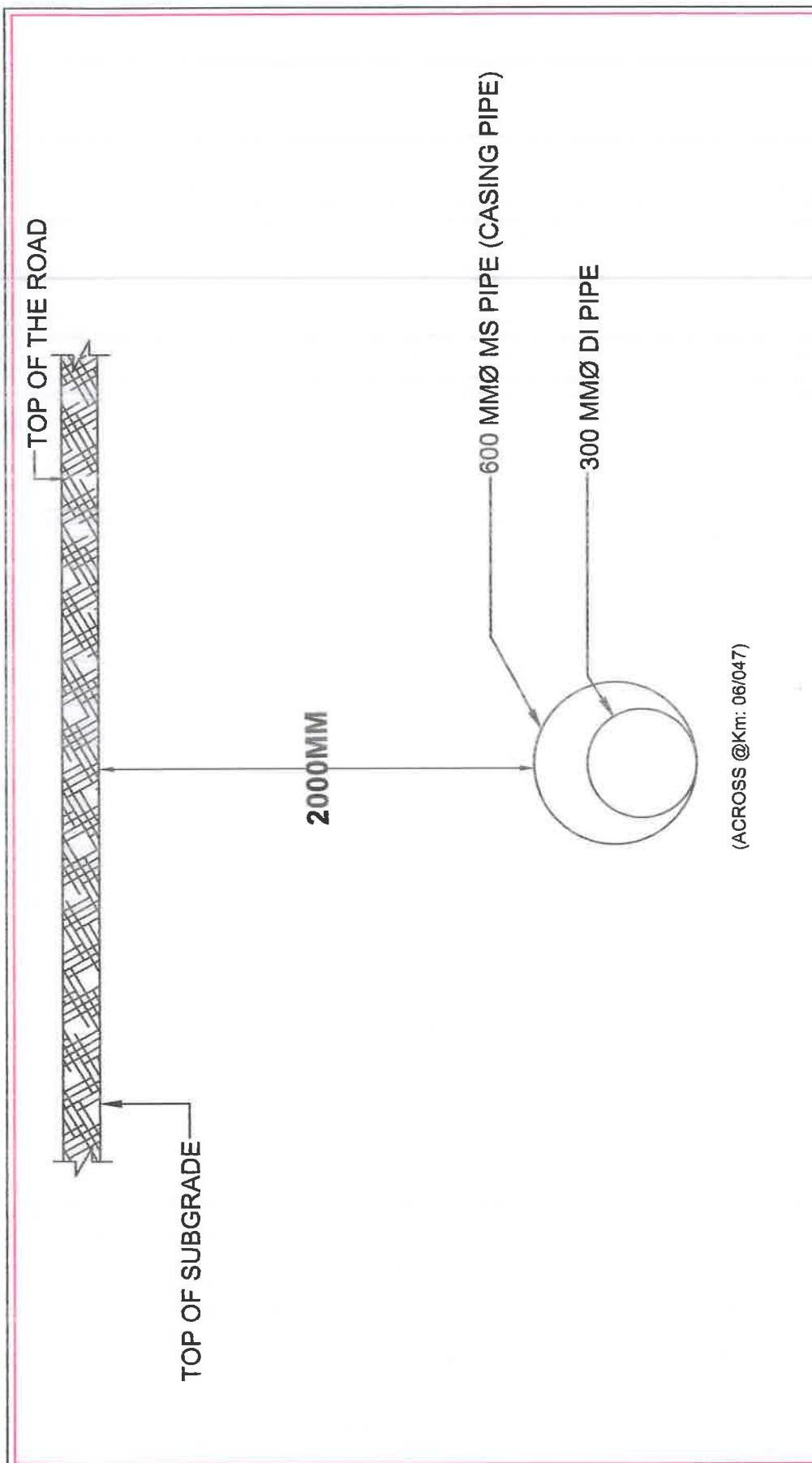
**THE CHIEF ENGINEER**  
Madurai City Municipal Corporation  
Madurai - 625 002.

*[Signature]*  
Project Director  
National Highways Authority of India  
MADURAI.

*[Signature]*  
Authorised Representative of AE  
Yengnu Engineering & Sterling Indotech  
Elevated Corridor 0/3-7/300  
of NH - 785

*[Signature]*  
**CHIEF ENGINEER**  
**MADURAI CORPORATION**

*[Signature]*  
4/9/24



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

APPLICANT:

**THE CHIEF ENGINEER**  
Madurai City Municipal Corporation  
Madurai - 625 002.

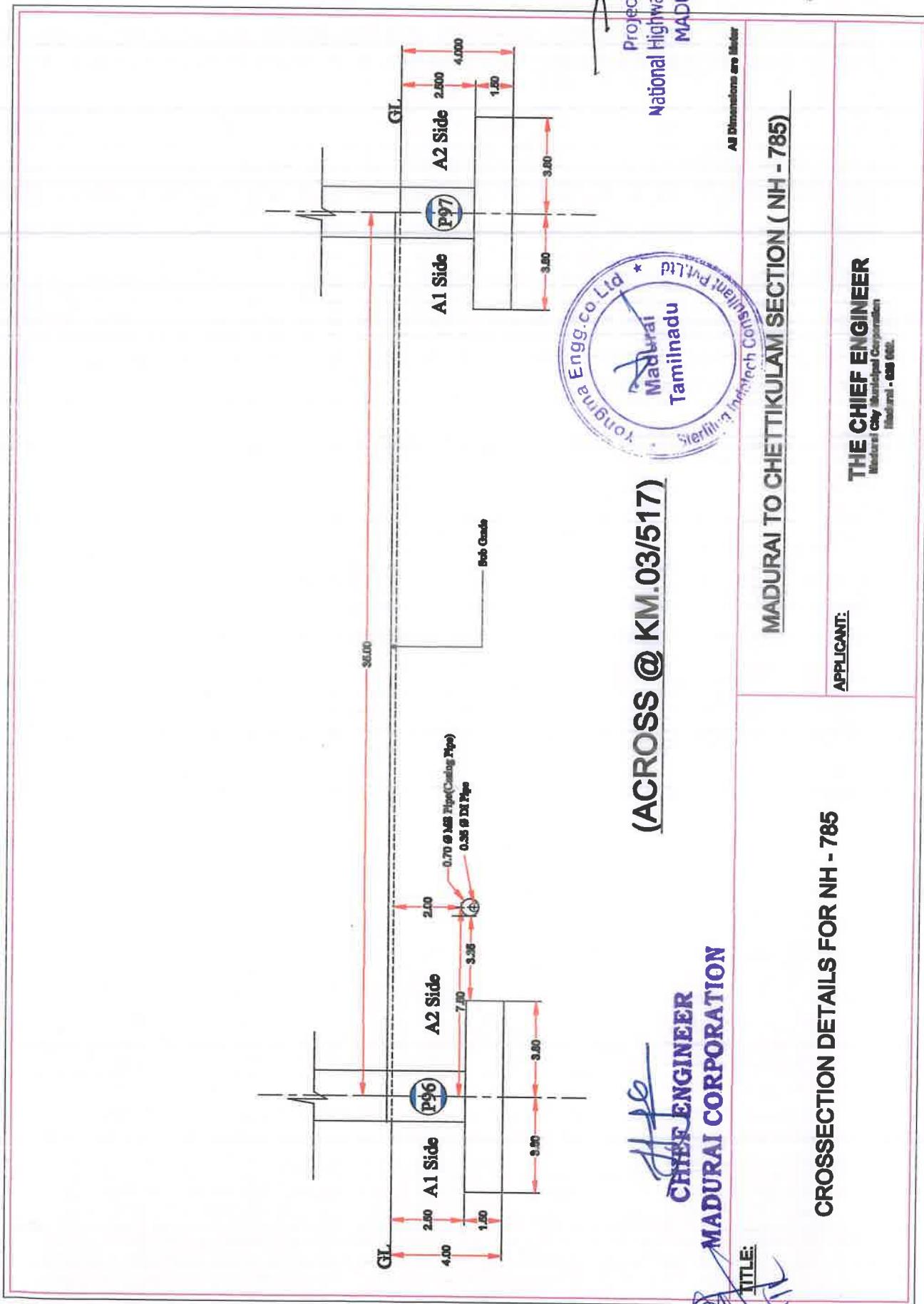
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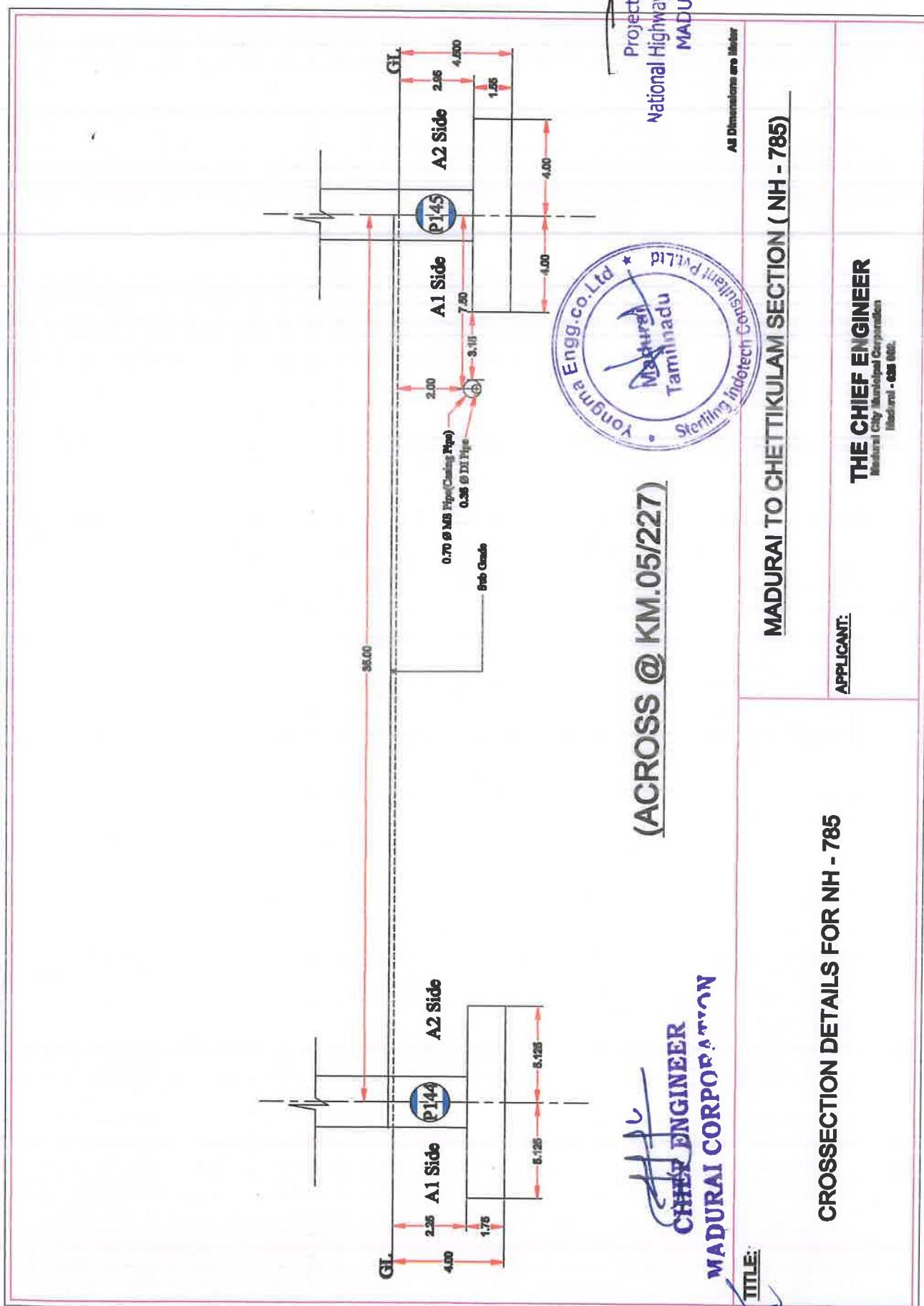
FIGURE - 1 INSTALLATION OF MS CASING PIPE FOR  
CROSSING THE ROAD TRENCH LESS (HDD METHOD)

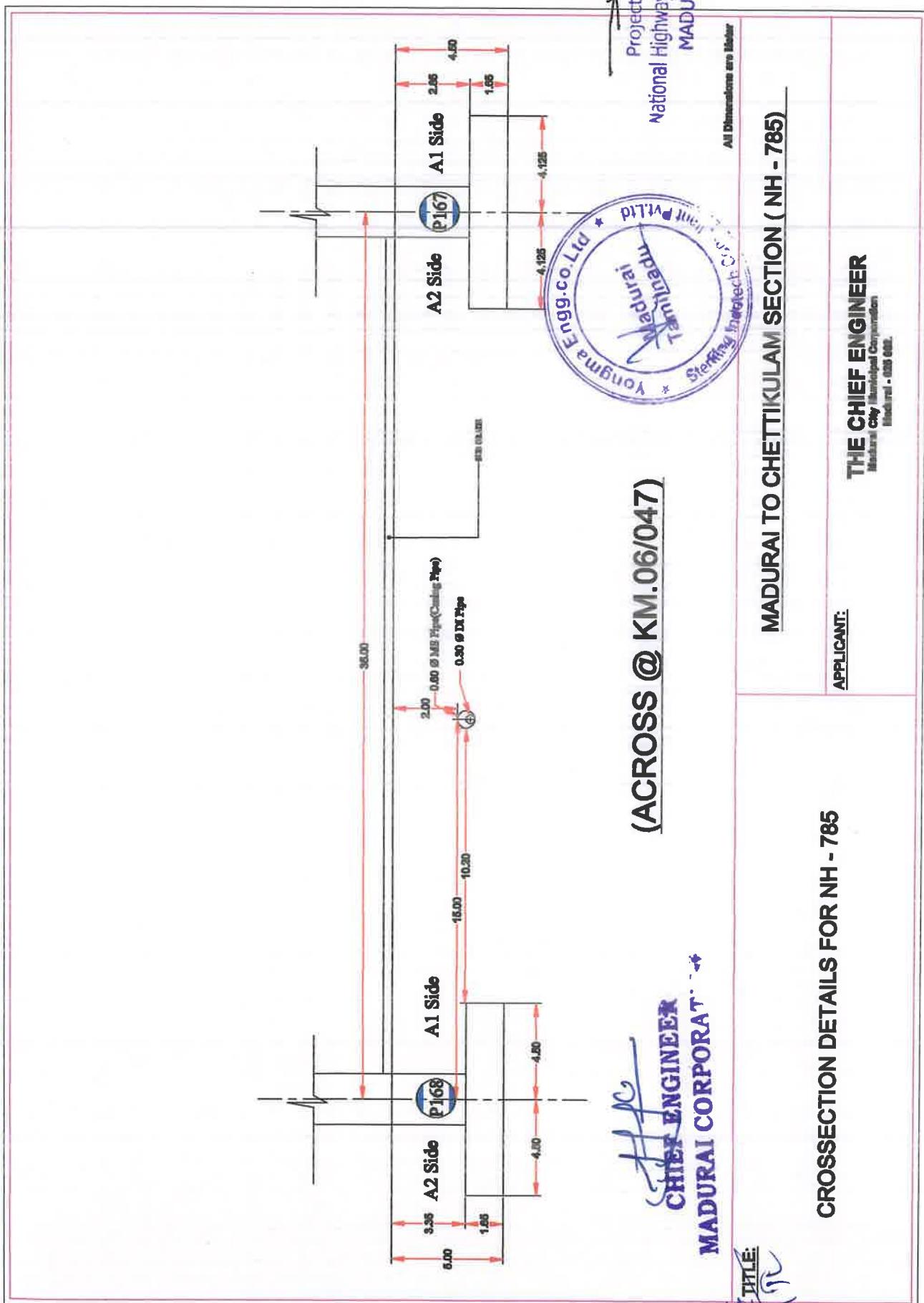
**CHIEF ENGINEER**  
**MADURAI CORPORATION**

**VIRENDRA MITTAL**  
Authorised Representative of At  
Yangon Engineering & Sterling Indotech  
Elevated Corridor U/0-7/300  
of NH - 785

**Balaji**  
Project Director  
National Highways Authority of India  
MADURAI







Government of India  
 Ministry of Road Transport and Highways  
 (Highway Administration Cell)

Transport Bhavan, I, Parliament Street, New Delhi — 110 001

No. NH-36094/01/2022-S&R(P&B)

Dated: 17<sup>th</sup> April, 2023

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
7. ROs, ELOs and PIUs of the MoRTH.

**Subject- Accommodation of Public and Industrial Utility Services along and across National Highways- Policy guidelines; Clarifications regarding OFC/Telecom cables.**

Sir,

Following amendments are issued herewith with reference to Ministry's policy circular no RW/NH-33044/29/2015-S&R(R) dated 22.11.2016 regarding permission for laying of underground OFC/telecom cables in NH ROW with immediate effect:

Clause	Existing provision	Amendments
3.1	The utility services shall be permitted to cross the National Highway either through structure or conduits specially built for that purpose. The casing / conduit pipe should, as minimum, extend from drain to drain in cuts and toe of slope to toe of slope in the fills and shall be designed in accordance with the provision of IRC and executed following the Specifications of the Ministry.	The utility services shall normally 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. Alternatively, for crossing of NH by pipelines for petroleum products, Horizontal Directional Drilling (HDD) method may be used

		without casing/ conduit pipe following the safety precautions and Codes as given in Annexure II.
5.	<p><b>Charges for granting licence for use of highway land:</b> 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.</p> <p>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.</p>	<p><b>Charges for granting licence for use of highway land:</b> 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.</p>
5.1	<p>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).</p> <p><b>License Fees (Rs/sq m/ month) =</b> <math>(\text{Utilized NH land area} \times \text{Prevailing Circle Rate of land per unit area}) / (10 \times 12)</math> where,</p> <p><b>Utilized NH land area =</b> Outer diameter/width of the concerned utility line X length</p>	<p>License Fee for Industrial Utilities shall be equal to utilized NH land area X Prevailing Circle Rate of land per unit area X 10% per annum.</p> <p>Utilized NH land area shall include projection of utility on ground including area of support system / tower.</p> <p>License fee for total term of license (up to maximum of 5 years) shall be deposited in advance.</p>
5.2	<p>The following methodology shall be followed for license fees/lease rental determination for utility services such as towers/repeaters junction boxes etc.</p> <p><b>License Fees (Rs/sq m/ month) =</b> <math>(\text{Utilized NH land area} \times \text{Prevailing Circle Rate of land per unit area}) / (10 \times 12)</math> where,</p>	<p>License Fee for public utility shall be equal to utilized NH land area X Prevailing Circle Rate of land per unit area X 1.5% per annum, subject to minimum of Rs. 10,000/-, with 6% annual increment.</p> <p>Utilized NH land area shall include area of support system / tower but not include projection of utility on ground.</p>

	<p>Utilized NH land area = Projection of utility on the ground including area of support system/tower.</p> <p>However, for public utilities, area below the support system/tower shall only be charged.</p>	<p>There shall be no license fee for OFC cables crossing the NH through HDD method.</p> <p>License fee for total term of license (up to maximum of 5 years) shall be deposited in advance.</p>
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2. This issues with the approval of competent authority.

Yours faithfully

*Rakesh Prakash Singh* 17/4/23  
 (Rakesh Prakash Singh)  
 Superintending Engineer (HA)

Copy to:

1. AS/ JS/CEs in MoRTH
2. Director, IAHE
3. The Secretary General, Indian Roads Congress
4. Technical circular file of S&R(P&B) Section and Road Safety Engineering Cell
5. NIC-for uploading on Ministry's website under "What's new"

Copy for information to:

1. PS to Hon'ble Minister (RT&H)/ PS to Hon'ble MOS (RT&H)
2. Sr. PPS to Secretary (RT&H)/ Sr. PPS to AS(H)/ Sr. PPS to AS&FA
3. Sr. PPS to DG (RD) & SS/ Sr. PPS / PPS /PS to ADG-I/II/III/IV

*Rakesh Prakash Singh* 17/4/23  
 (Rakesh Prakash Singh)  
 Superintending Engineer (HA)

**Annexure II****A. Codes/ publications for guidance on design of Horizontal Directional Drilling crossing for Petroleum Pipelines**

- a) Oil Industry Safety Directorate Code: IOSD Code-141.
- b) American Gas Association PR-227-9424 "Installation of Pipelines by Horizontal Directional Drilling an Engineering Design Guide".
- c) American Society of Civil Engineering Practice No.89 – "Pipeline Crossings Handbook".
- d) Directional Crossing Contractors Association publications "Guidelines for a Successful Directional Crossing Bid Package", "Directional Crossing Survey Standards" and "Guidelines for Successful Mid-Sized Directional Drilling Projects."

**B. Safety precautions and plan to be submitted along with the proposal for HDD crossings:**

- a) Before taking up the HDD work, area to be scanned by suitable methods like GPR to locate all underground utilities. Accordingly, crossing plan and profile drawings to be developed showing all pipelines, utilities, cables and structures that cross the drill path, are parallel to and within 30m of the drill path and that are within 30m of the drilling operation, including mud pits and bore pits.
- b) Damage prevention plan to reduce or avoid the likelihood of damage to adjacent underground facilities, including pipelines, utilities, cables and other subsurface structures considering the accuracy of the method in locating existing structures and in tracking the position of the pilot string during drilling. Consideration should be given to having an auxiliary location system to include manual excavation to ensure that the drilling bit or reamer is following the projected path and does not encroach upon crossing or parallel lines. The damage prevention plan should include provision for sending notification to all affected parties.
- c) Safety plan to include contingency plans in the event the drilling string impacts subsurface facilities and identify facilities and resources to be utilized in the event of an emergency or any personnel injuries. The safety plan shall be reviewed on site with all construction personnel prior to the commencement of drilling operations.
- d) Plan for containment and disposal of drilling fluids, if used.
- e) Hydrostatic test plan that should consider pretesting of the fabricating string(s) prior to installing the crossing.
- f) Testing plan be agreed upon the measures like Cathodic protection, periodic inspection be outlined and Supplementary extra thickness of pipe be ensured to compensate for corrosion.
- g) Pipeline laying agencies to submit annual certificates of inspection after laying.

