



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 तीसरी तल, विजय कृष्ण प्लाज़ा, संख्या-1, लेक एरिया, मेलूर मेन रोड, माट्टुतावनी, मदुरै-625 007
2nd & 3rd Floor, Vijay Krishna Plaza, No.1, Lake Area, Melur Main Road, Mattuthavani, Madurai-625 107



NHAI/15018/43/13/2023/RO Madurai E:184508/13th July, 2023

INVITATION OF PUBLIC COMMENTS

Sub: NHAI - PIU, Karaikudi - Laying of water supply pipeline of size various Dia HDPE pipeline along the road from Km.135/000 to Km.141/700 & Km.141/970 to Km.143/630 (RHS) for a length of 8.360Kms and from Km.143/630 to Km.145/480 (LHS) for a length of 1.850Kms by Open Trench Method and by HDD Method from Km.141/970 to Km.142/400 (RHS) and across the road in 7 locations at Km.138/000; Km.140/050; Km.141/700; Km.141/970; Km.143/630; Km.143/900 & Km.144/100 by Trenchless Method on Thirumayam - Manamadurai section of NH 226-Invitation of Public Comments - Reg.

Ref: 1. PD, Karaikudi Lr. No-NHAI/PIU/Karaikudi/11034/TM/TWAD/2023/831 dt. 15.06.2023.
2. PD, Karaikudi Lr.No-NHAI/PIU/Karaikudi/11034/TM/TWAD/2023/2435 dt. 30.12.2022.

The proposal received from PD, Karaikudi vide Lr. No-NHAI/PIU/Karaikudi/11034/TM/TWAD/2023/831 dt.15.06.2023. there by requesting permission for laying water pipe line along the road from Km.135/000 to Km.141/700 & Km.141/970 to Km.143/630 (RHS) for a length of 8.360Kms and from Km.143/630 to Km.145/480 (LHS) for a length of 1.850Kms by Open Trench Method and by HDD Method from Km.141/970 to Km.142/400 (RHS) and across the road in 7 locations at Km.138/000; Km.140/050; Km.141/700; Km.141/970; Km.143/630; Km.143/900 & Km.144/100 by Trenchless Method on Thirumayam - Manamadurai section of NH 226 in the state of Tamil Nadu as proposed by, EE, TWAD, Project Division, Karaikudi.

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

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

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

ने-ड नीम
13/07/23

(Mahendra Meena),
Dy. Manager (Tech.),

Encl. As above

Copy to:

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

589027/2022/PIU - Karaikudi



सत्यमेव जयते

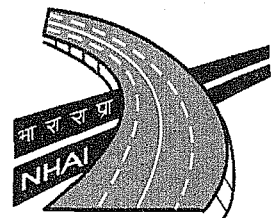
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

National Highways Authority of India

(Ministry of Road Transport and Highways, Government of India)

उप महाप्रबंधक (तकनीकी) सह परियोजना निदेशक के कार्यालय
परियोजना कार्यान्वयन इकाईOffice of the Deputy General Manager (Tech) cum Project Director
Project Implementation Unit

नंबर 1, 2nd फ्लोर, सुब्रमण्यपुरम 3rd स्ट्रीट, कारैकुडि - 630002, तमिलनाडु

No: 1, 2nd Floor, Subramaniapuram 3rd Street, Karaikudi - 630 002, Tamilnadu.टेली फैक्स / Tele : +91-4565-230707 वेबसाइट / Website: <http://www.nhai.gov.in> E-mail: karaikudipiu@gmail.com, karaikudi@nhai.org

NHAI/PIU/Karaikudi/11034/TM/TWAD/2022/2435

December 30, 2022

To

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

Sub: NHAI - PIU, Karaikudi - Laying of water supply pipeline of size various Dia HDPE pipeline along the road from Km.135/000 to Km.141/700 & Km.141/970 to Km.143/630 (RHS) for a length of 8.360Kms and from Km.143/630 to Km.145/480 (LHS) for a length of 1.850Kms by Open Trench Method and by HDD Method from Km.141/970 to Km.142/400 (RHS) and across the road in 7 locations at Km.138/000; Km.140/050; Km.141/700; Km.141/970; Km.143/630; Km.143/900 & Km.144/100 by Trenchless Method on Thirumayam - Manamadurai section of NH 226 - Proposal submitted - Approval - Requested -Reg.

- Ref: 1. TWAD, Karaikudi Lr.No.TWAD/Project/F.Sivagangai CWSS/Package II/NHAI-I/2022, dt:27.07.2022
2. This Office Even Letter No.1780, dt:22.09.2022
3. TWAD, Karaikudi Lr.No.TWAD/Project/F.Sivagangai CWSS/Package II/NHAI-I/2022, dt:17.11.2022
4. RE, M/s.Bloom Companies, Pudukkottai Lr.No.002/Bloom/RE/T-M/NH-36/2022-23/AM-22/120, dt:29.11.2022

Sir,

I invite your kind attention to the above subject matter, it is to submit that the Executive Engineer, TWAD Board, Project Division, Karaikudi vide reference 1st cited has submitted the proposal seeking permission for laying of water supply with various Dia HDPE pipeline along the road from Km.129/580 to Km.131/800; Km.134/450 to Km.141/600 & Km.141/970 to Km.143/900 (RHS) for a length of 11.300Kms and from Km.129/500 to Km.134/450 & Km.143/630 to Km.145/000 (LHS) for a length of 6.320Km by open Trench method & across the road in 7 locations at Km.129/250, Km.131/600; Km.134/450; Km.138/000; Km.140/050; Km.141/600; Km.141/970 & Km.143/630 by Trenchless Method on Thirumayam - Manamadurai section of NH 226.

2. At the time of site inspection in some locations, RoW is not sufficient to lay pipeline. Hence, the applicant has been requested to propose to lay the pipeline in the opposite side of NH road where, land is available and returned by this office vide reference 2nd cited.

3. Accordingly the Executive Engineer, TWAD Board, Project Division, Karaikudi vide reference 3rd cited has submitted the revised proposal seeking permission for laying of

Corporate Office:

G-5&6, Sector - 10, Dwarka, New Delhi - 110 075.

Tel: 011 - 2507 4100 / 2507 4200

Website: www.nhai.gov.in**Regional Office:**2nd & 3rd Floor, Vijay Krishna Plaza, No.1, Lake Area,

Melur Main Road, Mattuthavani, Madurai - 625 007.

Email: romadurai@nhai.org nhairomadurai@gmail.com

National Highways Authority of India

water supply pipeline various Dia HDPE pipeline along the road from Km.135/000 to Km.141/700 & Km.141/970 to Km.143/630 (RHS) for a length of 8.360Kms and from Km.143/630 to Km.145/480 (LHS) for a length of 1.850Kms by Open Trench Method and by HDD Method from Km.141/970 to Km.142/400 (RHS) and across the road in 7 locations at Km.138/000; Km.140/050; Km.141/700; Km.141/970; Km.143/630; Km.143/900 & Km.144/100 by Trenchless Method on Thirumayam - Manamadurai section of NH 226. The same has been forwarded to the Supervision Consultant for offer their comments and the Highway Maintenance cum Resident Engineer, M/s.Bloom Companies LLC, Pudukkottai vide reference 4th cited has verified and recommended the proposal for further processing.

4. The proposal has been examined as per Ministry Circular No.33044/27/2005 S&R (R) dt:6/7.08.2013. MoRTH Circular No.H-39011/16/2012-P&P dt:22.04.2014 and Ministry Lr.No.RW/NH-33044/29/2015-S&R-(R) dt:22.11.2016 and the following observations are made:

- a) Laying of water supply pipeline along the road from Km.135/000 to Km.141/700 & Km.141/970 to Km.143/630 (RHS) for a length of 8.360Kms and from Km.143/630 to Km.145/480 (LHS) for a length of 1.850Kms by Open Trench Method and by HDD Method from Km.141/970 to Km.142/400 (RHS) and across the road in 7 locations at Km.138/000; Km.140/050; Km.141/700; Km.141/970; Km.143/630; Km.143/900 & Km.144/100 by Trenchless Method on Thirumayam - Manamadurai section of NH 226 has been considered for approval.
- b) In the proposal, the Executive Engineer, TWAD Board, Project Division, Karaikudi has mentioned that water supply pipe line will be laid along the road as more than 1.20m below Ground Level by trench method as per the Ministry guidelines as stipulated as minimum of 0.60mt below Ground Level.
- c) Crossing is proposed by trenchless method (HDD) with encasing pipe line for the entire NH ROW where the pipeline is proposed to across the road. The encasing pipe will be laid more than 1.800m below ground level which satisfy the Ministry stipulation of minimum 1.20 meter below the Ground Level.
- d) It is to inform that the land acquisition for the project of two laning of Thirumayam - Manamadurai has been done as per NHAI LA Policy of 45.0m RoW for bypass stretches & 30.0m RoW for existing road widening stretch. The proposed water supply pipeline shall be located, beyond the toe line of the embankment and drains, as close to the extreme edge of the ROW within the utility corridor.

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- e) The installation pipes within the utility corridor if affect the future widening and same will be relocated within 90 days from the receipt of notice.
- f) The Executive Engineer, TWAD Board, Project Division, Karaikudi has given undertaking to agree to pay the necessary rent for using National Highways whenever asked by the National Highways Authority of India as per Ministry of Road Transport and Highways Circular No.RW/NH-33044/29/2015-S&R(R) dt:22.11.2016.
- g) The details of previous sanction granted for laying water supply in the above project is enclosed in Annexure-I.
- h) The sketch of RoW duly marking the proposed water supply pipeline locations furnished by the Executive Engineer, TWAD Board, Project Division, Karaikudi is enclosed.
- i) The right of way is 45.0m for bypass stretch & 30.0m for existing road widening stretch in Thirumayam - Manamadurai stretch. The alignment proposed by the Executive Engineer, TWAD Board, Project Division, Karaikudi for laying of underground water supply pipeline along the road from Km.135/000 to Km.141/700 & Km.141/970 to Km.143/630 (RHS) for a length of 8.360Kms and from Km.143/630 to Km.145/480 (LHS) for a length of 1.850Kms by Open Trench Method and by HDD Method from Km.141/970 to Km.142/400 (RHS) and across the road in 7 locations at Km.138/000; Km.140/050; Km.141/700; Km.141/970; Km.143/630; Km.143/900 & Km.144/100 by Trenchless Method on Thirumayam - Manamadurai section of NH 226 i.e., for a length of 10210m as detailed under:

Stretch in Km.	Length (Km)	ROW (m)	Dia of Pipe (mm)	Dist. of Prop. Water Supply from Centre of NH (m)
Along the road				
135/000- 138/000 (RHS)	3.000	45.0	250	27.50
138/000 - 140/480 (RHS)	2.480	45.0	140	Varies from 26.50 to 27.50
140/480 - 141/000 (RHS)	0.520	30.0	140	Varies from 13.50 to 15.50
141/000 - 141/700 (RHS)	0.700	30.0	90	Varies from 13.50 to 15.50
141/970 - 142/400 (RHS)	0.430	30.0	90	Varies from 13.50 to 15.50
142/400 - 143/630 (RHS)	1.230	30.0	90	Varies from 13.50 to 15.50
143/630 - 144/100 (LHS)	0.470	30.0	90	Varies from 13.50 to 15.50
144/100 - 145/480 (LHS)	1.380	30.0	63	Varies from 13.50 to 15.50
Total	10.21			
Across the road				
138/000		45.0	450	MS encasing
140/050		45.0	200	MS encasing

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Stretch in Km.	Length (Km)	ROW (m)	Dia of Pipe (mm)	Dist. of Prop. Water Supply from Centre of NH (m)
141/700		30.0	200	MS encasing
141/970		30.0	200	MS encasing
143/630		30.0	200	MS encasing
143/900		30.0	200	MS encasing
144/100		30.0	200	MS encasing

5. It is further certified that,

- (i) Any other location of the water supply pipeline would be extremely difficult and the installation of water supply pipeline within ROW will not adversely affect the design, stability & traffic safety of the highway nor the likely future improvement such as widening of the carriageway, easing of curve etc.,
- (ii) There will be no hindrance to future widening if proposed based on the feasibility report considering proposed structures at the said location.

6. Restoration charges BG as per Ministry Circular Lr.No.RW/NH-33044/29/2015-S&R(R) dt:22.11.2016.

I. Restoration charges BG.

Along the road

From Km.135/000 to Km.141/700 (RHS) 6700m

From Km.141/970 to Km.143/630 (RHS) 1660m

From Km.143/630 to Km.145/480 (LHS) 1850m
10210m

(10210m X 100) = 1021000

Across the road by trenchless method at 7 locations
(8 X 100000) = 800000

Sub-total = 1821000

Centage charge 19% P.S. charges 1.5%

PC charges 1% contingencies 2%

Total 23.5% = 427935

TOTAL RESTORATION CHARGES = 2248935

II. One time license fee / rental fee for laying water supply pipe line by the Executive Engineer, TWAD Board, Project Division, Karaikudi.

Area to be occupied by the Executive Engineer, TWAD Board, Project Division, Karaikudi.

Size of Pipeline	From Km.	To Km.	Length in m	Width	Area
250mm HDPE Pipe	135/000	138/000	3000	0.250	750.00
140mm HDPE Pipe	138/000	141/000	3000	0.140	420.00

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Size of Pipeline	From Km.	To Km.	Length in m	Width	Area
90mm HDPE Pipe	141/000	141/700	700	0.090	63.00
90mm HDPE Pipe	141/970	143/630	1660	0.090	149.40
90mm HDPE Pipe	143/630	144/100	470	0.090	42.30
63mm HDPE Pipe	144/100	145/480	1380	0.063	86.94
450mm MS encasing Pipe	138/000		45.0	0.450	20.25
200mm MS encasing Pipe	140/050		45.0	0.200	9.00
200mm MS encasing Pipe	141/700		30.0	0.200	6.00
200mm MS encasing Pipe	141/970		30.0	0.200	6.00
200mm MS encasing Pipe	143/630		30.0	0.200	6.00
200mm MS encasing Pipe	143/900		30.0	0.200	6.00
200mm MS encasing Pipe	144/100		30.0	0.200	6.00
TOTAL					1570.89

Amount to be collected towards one time license fee for 5 years as (details enclosed as Annexure-II)

License Fee for Private utility

= Utilities NH land area x prevailing circle rate of land per unit area / (10x12) x 60.
(Details in Annexure - II)

= 4515 X 60 months = **Rs.2,70,900/-**

License fee for Public Utility = 33.0% License fee for Private Utility

= 33/100 X 2,70,900/-

= **89,397 say Rs.89,400/-**.

Hence the License Fee = Rs.89,400/-

7. Hence the proposal of the Executive Engineer, TWAD Board, Project Division, Karaikudi for laying water supply various dia pipeline along the road from Km.135/000 to Km.141/700 & Km.141/970 to Km.143/630 (RHS) for a length of 8.360Kms and from Km.143/630 to Km.145/480 (LHS) for a length of 1.850Kms by Open Trench Method and by HDD Method from Km.141/970 to Km.142/400 (RHS) and across the road in 7 locations at Km.138/000; Km.140/050; Km.141/700; Km.141/970; Km.143/630; Km.143/900 & Km.144/100 by Trenchless Method on Thirumayam - Manamadurai section of NH 226 is submitted herewith for favourable consideration and approval may kindly be accorded.

Yours faithfully,

Encl: 1 No. of Original Proposal with references.

M.S. Pandian
30/12/22
(M.S. Pandian)

Dy.GM(T) / Project Director
NHAI, PIU, Karaikudi

Copy to: The Executive Engineer, TWAD Board, Project Division, Karaikudi.

Maintaining Records of Right-of-Way permission granted for laying Water Supply Pipeline

1. Name of State : TAMIL NADU
 2. Name of Agency : NATIONAL HIGHWAYS AUTHORITY OF INDIA, PIU, KARAIKUDI
 3. NH Number : THIRUMAYAM - MANAMADURAI SECTION OF NH 226 (NEW NH 36)

Sr. No.	Location (chainage in km)	Left or Right side of NH (towards increasing chainage / km direction)	Section and reach	Kind of Service	Name of License and contact address	Date of signing agreement	Date of validity of agreement	Date of last inspection of site	Any deviation from MoRT&H Standard norms	Remarks
1	Along the road from Km.134/430 to Km.134/550 (RHS) and Km.134/550 to Km.150/930(LHS) and across the road at Km.124/700 & Km.134/550 and across the road crossing at Km.137/150 (LHS); Km.140/020 (LHS)	RHS & LHS	Thirumayam - Manamadurai section of NH 226	Water Supply Pipeline	Executive Engineer, TWAD, Project Division, Sivagangai	18.02.2022	17.02.2027	-	-	RO, Madurai approval letter No.NHAI/15018/4.4.3/2019/RO Madurai/E:96983/548, dt:18.02.2022.
2	Along the road from Km.94/400 to Km.95/900 (RHS) [63mm dia]; and Km.105/200 to Km.110/000 (RHS) [140mm dia]; by open trench method and across the road at Km.94/400; Km.96/000; Km.97/300; Km.106/700; Km.109/400 & Km.110/000	RHS	Thirumayam - Manamadurai section of NH 226	Water Supply Pipeline	Executive Engineer, TWAD, Project Division, Karaikudi	23.03.2022	22.03.2027	-	-	RO, Madurai approval letter No.NHAI/15018/4.3.5/2019/RO Madurai/E:119950/841, dt:23.03.2022
3	Along the road 914mm dia pipe from Km.95/900 to Km.98/200 (RHS) by open trench method & across the road at Km.95/900 by trenchless method	RHS	Thirumayam - Manamadurai section of NH 226	Water Supply Pipeline	Executive Engineer, TWAD, Project Division, Karaikudi	23.03.2022	22.03.2027	-	-	RO, Madurai approval letter No.NHAI/15018/4.7.6/2019/RO Madurai/E:118232/842, dt:23.03.2022
4	Along the road 63mm dia HDPE pipe from Km.113/850 to Km.114/600 (LHS); 50mm dia HDPE pipe from Km.114/600 to Km.114/780 (LHS) by open trench method & across the road at Km.114/600 by trenchless method	LHS	Thirumayam - Manamadurai section of NH 226	Water Supply Pipeline	Executive Engineer, TWAD, Project Division, Karaikudi	23.03.2022	22.03.2027	-	-	RO, Madurai approval letter No.NHAI/15018/4.7.6/2019/RO Madurai/E:118232/843, dt:23.03.2022
5	Along the road from Km.148/380 to Km.152/600 (RHS); Km.152/600 to Km.153/330 (BHS); Km.153/330 to Km.153/480 (RHS) and across the road at Km.151/530; Km.153/020 & Km.153/330	RHS & LHS	Thirumayam - Manamadurai section of NH 226	Water Supply Pipeline	Executive Engineer, TWAD, Project Division, Sivagangai	07.07.2022	06.07.2027	-	-	RO, Madurai approval letter No.NHAI/15018/4.3.6/2019/RO Madurai/E:121577/1878, dt:07.07.2022.

M.S. Pandian
M.S. PANDIAN
 Dy.GM(T) / Project Director
 National Highways Authority of India
 PIU - KARAIKUDI

589027/2022/PIU - Karaikudi

LICENSE FEES FOR PRIVATE UTILITY (OFC) (Rs/Sqm/Month)

[Utilized NH Land area X prevailing Circle Rate of Land per unit area] / (10X12)

ANNEXURE-II

SL. NO	NAME OF VILLAGE	CHAINAGE IN KM		SIDE	LENGTH (L) (in mt)	DIA OF THE PIPE (D) (m)	UTILIZED NH LAND AREA (D x L) (sq.m)	PREVAILING CRICLE RATE OF LAND PER UNIT AREA (sq.m) (Rs)	LICENSE FEE (PRIVATE UTILITY) (Rs)
		FROM	TO						
1	Kadambankulam	135	136.1	RHS	1100	0.25	275.00	440.00	1008.33
2	Keelakandani	136.1	138	RHS	1900	0.25	475.00	365.00	1444.79
	Keelakandani	138	138.1	RHS	100	0.14	14.00	365.00	42.58
3	Sundaranadappu	138.1	141	RHS	2900	0.14	406.00	365.00	1234.92
	Sundaranadappu	141	141.1	RHS	100	0.09	9.00	365.00	27.37
4	Kattoorani	141.1	141.7	RHS	600	0.09	54.00	220.00	99.00
	Kattoorani	141.97	143.63	RHS	1660	0.09	149.40	220.00	273.90
	Kattoorani	143.63	144.1	LHS	470	0.09	42.30	220.00	77.55
	Kattoorani	144.100	145.480	LHS	1380	0.063	86.94	220.00	159.39
ii	Crossing								
	Keelakandani	138.000			45	0.450	20.25	365.00	61.59
	Sundaranadappu	140.050			45	0.200	9.00	365.00	27.38
	Kattoorani	141.700			30	0.200	6.00	220.00	11.00
	Kattoorani	141.970			30	0.200	6.00	220.00	11.00
	Kattoorani	143.630			30	0.200	6.00	220.00	11.00
	Kattoorani	143.900			30	0.200	6.00	220.00	11.00
	Kattoorani	144.100			30	0.200	6.00	220.00	11.00
TOTAL					10210		1570.89		4511.81

Say Rs.4515/-

TOTAL LICENSE FEE FOR 5 YEARS (60 MONTHS) = Rs.4515 x 60 = Rs.270900/-

(Rupees Two Lakh Seventy Thousand Nine Hundred only)


M.S. PANDIAN
 Dy.GM(T) / Project Director
 National Highways Authority of India
 PIU - KARAUKUDI

589027/2022/PIU - Karaikudi

Inbox (15) - karaikudiipu@gmail... PIU Karaikudi - Outlook Web App... guideline value in tamil nadu - G... Inspector General of Registration...

tnreginet.gov.in/portal/webHP?requestType=ApplicationRH&actionVal=homePage&screenId=114&UserLocaleID=en&csrf=ed8ff27b-df22-42be-9814-eebf15adc295

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(Monday to Friday 10 AM to 5.45 PM, excluding Government holidays)

1000 102 3114
(Monday to Friday 8 AM to 8 PM, Saturday 10 AM to 5 PM excluding Government holidays)

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Guideline Search

Search Criteria :

Zone: MADURAI
Guideline Village: KADAMBANKULAM @ KEELAVANIYANKUDI
Revenue District: SIVAGANGAI
Street/Survey Number: 156

Sub Registrar Office: SIVAGANGAI JOINT II
Revenue Village: KADAMBANKULAM
Revenue Taluka: SIVAGANGAI

8 items found, displaying all items.

Sr.No.	Survey/Subdivision No.	Guideline Value (₹) (British Value)	Guideline Value (₹) (Metric Value)	Land Classification	Effective Start Date
1	156/1A1	40/ Square Feet	440/ Square Metre	Residential Class I Type - I	09-Jun-2017
2	156/1A2	40/ Square Feet	440/ Square Metre	Residential Class I Type - I	09-Jun-2017
3	156/1B	40/ Square Feet	440/ Square Metre	Residential Class I Type - I	09-Jun-2017
4	156/2A1	40/ Square Feet	440/ Square Metre	Residential Class I Type - I	09-Jun-2017
5	156/2A2	40/ Square Feet	440/ Square Metre	Residential Class I Type - I	09-Jun-2017
6	156/2B	40/ Square Feet	440/ Square Metre	Residential Class I Type - I	09-Jun-2017
7	156/3	117250/ Acre	290000/ Hectare	Dry Abutting Other Roads And Railway Lines Type - I	09-Jun-2017
8	156/4	117250/ Acre	290000/ Hectare	Dry Abutting Other Roads And Railway Lines Type - I	09-Jun-2017

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Guideline Search

Search Criteria :

Zone: MADURAI
Guideline Village: KEELAKKANDANI
Revenue District: SIVAGANGAI
Street/Survey Number: 229

Sub Registrar Office: SIVAGANGAI JOINT II
Revenue Village: KEELAKKANDANI
Revenue Taluka: SIVAGANGAI

7 items found, displaying all items.

Sr.No.	Survey/Subdivision No.	Guideline Value (₹) (British Value)	Guideline Value (₹) (Metric Value)	Land Classification	Effective Start Date
1	229/1	33/ Square Feet	365/ Square Metre	Residential Class I Type - II	09-Jun-2017
2	229/10	0	0	Govt. Others	09-Jun-2017
3	229/2	33/ Square Feet	365/ Square Metre	Residential Class I Type - II	09-Jun-2017
4	229/3	33/ Square Feet	365/ Square Metre	Residential Class I Type - II	09-Jun-2017
5	229/6	0	0	Govt. Others	09-Jun-2017
6	229/7	33/ Square Feet	365/ Square Metre	Residential Class I Type - II	09-Jun-2017
7	229/8	33/ Square Feet	365/ Square Metre	Residential Class I Type - II	09-Jun-2017

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Guideline Search

Search Criteria :

Zone: MADURAI
Guideline Village: SUNDARANADAPPU
Revenue District: SIVAGANGAI
Street/Survey Number: 164

Sub Registrar Office: SIVAGANGAI JOINT II
Revenue Village: SUNDARANADAPPU (THUVANGAL)
Revenue Taluka: SIVAGANGAI

11 items found, displaying 1 to 10.
[First/Prev] 1, 2 [Next/Last]

Sr.No.	Survey/Subdivision No.	Guideline Value (₹) (British Value)	Guideline Value (₹) (Metric Value)	Land Classification	Effective Start Date
1	164/1A1A	33/ Square Feet	365/ Square Metre	Residential Class I Type - III	11-Mar-2020
2	164/1A2	154100/ Acre	381000/ Hectare	Dry Maanavari Lands Type - II	09-Jun-2017
3	164/1B2	154100/ Acre	381000/ Hectare	Dry Maanavari Lands Type - II	09-Jun-2017
4	164/2A	154100/ Acre	381000/ Hectare	Dry Maanavari Lands Type - II	11-Mar-2020
5	164/3A	154100/ Acre	381000/ Hectare	Dry Maanavari Lands Type - II	11-Mar-2020
6	164/4A1	154100/ Acre	381000/ Hectare	Dry Maanavari Lands Type - II	11-Mar-2020
7	164/4B1	154100/ Acre	381000/ Hectare	Dry Maanavari Lands Type - II	11-Mar-2020
8	164/5	154100/ Acre	381000/ Hectare	Dry Maanavari Lands Type - II	09-Jun-2017
9	164/6	154100/ Acre	381000/ Hectare	Dry Maanavari Lands Type - II	09-Jun-2017
10	164/7	0	0	Govt. Others	09-Jun-2017

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Guideline Search

Search Criteria :

Zone: MADURAI
Guideline Village: KATTURANI
Revenue District: SIVAGANGAI
Street/Survey Number: 66

Sub Registrar Office: MANAMADURAI
Revenue Village: KATTOORANI
Revenue Taluka: MANAMADURAI

16 items found, displaying 1 to 10.
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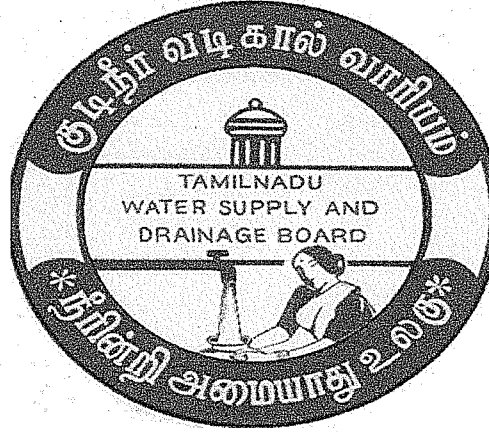
Sr.No.	Survey/Subdivision No.	Guideline Value (₹) (British Value)	Guideline Value (₹) (Metric Value)	Land Classification	Effective Start Date
1	66	0	0	Govt. Others	09-Jun-2017
2	66/1	40200/ Acre	99500/ Hectare	Dry Maanavari Lands Type - I	09-Jun-2017
3	66/1A	20/ Square Feet	220/ Square Metre	Residential Class I Type - I	09-Jun-2017
4	66/1B1	20/ Square Feet	220/ Square Metre	Residential Class I Type - I	11-Mar-2020
5	66/1B2	20/ Square Feet	220/ Square Metre	Residential Class I Type - I	11-Mar-2020
6	66/2	20/ Square Feet	220/ Square Metre	Residential Class I Type - I	09-Jun-2017
7	66/2A2	20/ Square Feet	220/ Square Metre	Residential Class I Type - I	19-May-2018
8	66/2B	20/ Square Feet	220/ Square Metre	Residential Class I Type - I	09-Jun-2017
9	66/2C	20/ Square Feet	220/ Square Metre	Residential Class I Type - I	09-Jun-2017
10	66/3	20/ Square Feet	220/ Square Metre	Residential Class I Type - I	09-Jun-2017

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TWAD BOARD WATER PIPE LINE ROUTE DIAGRAM**SECTION**

Laying of water pipe line Along NH - 226 Thirumayam - Manamadurai (NHAI) from Km - 135 / 000 to Km - 141 / 700 & Km - 141 / 970 to Km - 143 / 630 (RHS) to total Length of 8.360 Km and Km - 143 / 630 to Km - 145 / 480 (LHS) to total Length of 1.850 Km by Open Trench Method and by HDD Method at Km - 141 / 970 to Km - 142 / 400 (RHS) and 7 Nos of crossing at Km - 138 / 000, Km - 140 / 050, Km - 141 / 700, Km - 141 / 970, Km - 143 / 630, Km - 143 / 900 & Km - 144 / 100 by Trenchless Method on National Highways No.226

APPLICANT:
EXECUTIVE ENGINEER
TWAD BOARD,
PROJECT DIVISION,
KARAIKUDI.

THE PROJECT DIRECTOR
NATIONAL HIGHWAY AUTHORITY OF INDIA
KARAIKUDI

Proposal for Laying Water Supply Pipe Line Along NH – 226 Thirumayam – Manamadurai (NHAI) Km - 135 / 000 to Km - 141 / 700 & Km - 141 / 970 to Km - 143 / 630 (RHS) to total Length of 8.360 Km and Km - 143 / 630 to Km - 145 / 480 (LHS) to total Length of 1.850 Km by Open Trench Method and by HDD Method at Km - 141 / 970 to Km - 142 / 400 (RHS) and 7 Nos of crossing at Km - 138 / 000, Km - 140 / 050, Km - 141 / 700, Km - 141 / 970, Km - 143 / 630, Km - 143 / 900 & Km - 144 / 100 on National Highways No.226 by Trenchless Method.

**General to Accompany All Proposals
Check List**

General

- I. i] whether the site plan is drawn to a scale of
1: 5000 or 1: 2500 and enclosed : NTS
- ii] Whether the details of 100M on either side of
The utilizing laying has been furnished : No.
- iii] Does the site plan show in full : Yes.
- a] The NH boundary line with distance from
Center Line of the road marked at salient points
Where the NH land width is changing and also
at 200M intervals : Yes.
- b] The berm line and distance from centre line at
200M intervals and also at salient point of
Change of width of NH land : Yes.
- c] Center line of pavement and pavement edge
Line Marked distinctly. : Yes.
- d] Medians, if any, marked to scale. : Yes.

Thirumayam
17/11/22
JC/PSD/DIC

(Signature)
17/11/22
AG/PSD/TM

(Signature)
Executive Engineer
TWAD Board, Project Division
Karaikudi

(Signature)
RESIDENT ENGINEER
ROADWAY MAINTENANCE
M/s. Bloom Companies LLC
CPCL & JR Consultancy
TNJR - PDKT & TRMVM - MMMDRI
Road Project NH-35, Pudukkottai.

(Signature) 30/12/22
M.S. PANDIAN
Dy.GM(T) / Project Director
National Highways Authority of India
PIU - KARAISKUDI

e] The location of the utility line of proposal with drainage; showing exact locations and distance from NH centre line.

: Yes.

f] The existing culvert / drainage works with dimensions.

: Yes.

2 a] Purpose of the proposal in details

: For Laying under Ground Water Pipe line Along & Across NH-226 Thirumayam to Manamadurai of section.

b] Exact location of proposal

: Laying for under Ground Water Pipe Line Along from Km - 135 / 000 to Km - 141 / 700 & Km - 141 / 970 to Km - 143 / 630 (RHS) to total Length of 8.360 Km and Km - 143 / 630 to Km - 145 / 480 (LHS) to total Length of 1.850 Km by Open Trench Method and by HDD Method at Km - 141 / 970 to Km - 142 / 400 (RHS) and 7 Nos of crossing at Km - 138 / 000, Km - 140 / 050, Km - 141 / 700, Km - 141 / 970, Km - 143 / 630, Km - 143 / 900 & Km - 144 / 100 by Trenchless Method.

c] Whether the applicant is private agency / Public sector / Govt. department

: Govt. Department

d] Any time schedule fixed for the completion of the proposal made.

: As early as possible.

e] Reasons why the proposal could not be Accommodated outside the N.H. Land

: Not feasible.

f] Whether any other location other than this not Feasible.

: No other location is possible.

Thirumayam
13/11/22
26/12/22

17/11/22
17/11/22

17/11/22
Executive Engineer
TWAD Board, Project Division
Karaikudi

S. Arul Anbarasi
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NJR - PDKT & TRMVM - MMMDR
Road Project NH-36, Pudukkottai.

30/12/22
M.S. PANDIAN
Dy.GM(T) / Project Director
National Highways Authority of India
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g] Whether any other than this would be difficult. : Difficult and not possible.

h] Whether this proposal when implemented now will affect the design, stability and traffic safety of highway. : No.

i] Whether this proposal if implemented now will affect any likely future Improvement such as improvements geometric. : No.

j] Is there any proposal for improvements in this Stretch or likely to be sanctioned in near future and whether they will be affected by this Proposal. : No

T. Ananthan
17/11/22
Jt. PSD/DYC

K. S. Suresh
17/11/22
AES / PSD / PCL

S. S. Suresh
17/11/22
Executive Engineer
TWAD Board, Project Division
Karaikudi

S. Anil Kumar
RESIDENT ENGINEER cum
HIGHWAY MAINTENANCE
S/s. Bloom Companies LLC
CPCL & JR Consultancy
TNJR - PDKT & TRMVM - MINDRU
Road Project NH-36, Pudukkottai.

M. S. Pandian
30/12/22
M.S. PANDIAN
Dy.GM(T) / Project Director
National Highways Authority of India
PIU - KARAIKUDI

CONDITIONS

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

The above-mentioned rules have been noted for guidance.

Thirumangalakudi
17/11/22
20/12/2022

K. S. S. S. S.
12/11/22
18/12/22

Devi
Executive Engineer
TWAD Board, Project Division
Karaikudi

S. Arul Murugan
RESIDENT ENGINEER Cum
HIGHWAY MAINTENANCE
M/s. Bloom Companies LLCs
CPCL & JR Consultancy
TNJR - PDKT & TRMVM - MMDRU
Road Project NH-36, Pudukkottai.

M. S. Pandian
30/12/22
M.S. PANDIAN
Dy.GM(T) / Project Director
National Highways Authority of India
PIU - KARAIKUDI

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

I. LAYING OF UTILITY LINE ACROSS NATIONAL HIGHWAYS:

1. Whether the utility line is as close to the extreme edge of the right of way as possible? If not, the detailed reasons for exceptions. : Yes
2. Whether the utility line is 15M away from the C/L of the nearest carriage way? If not, the Reasons therefore (Distances should be clearly Noted) at salient points and at close intervals. : Yes
3. Does the proposal cover the area where the road formation is in double cutting. : No
4. Does the proposal run over existing culverts and bridges at any place. If so, give reasons why it cannot be avoided. : No
5. Will this proposal interfere with the maintenance of NH at any time by the execution, if permitted. : No
6. Whether the C/S of utility line as it runs along NH is given in the drawings? : Yes
- a] Whether the top of pipe line lie at least 0.6M below G.L : Yes (1.2 M)
- b] Will it obstruct the drainage of road land : No
7. Is there a proposal to lay electric cable carrying H.T. Line? : No
- a] If so, the necessary certificate by the proposed that it will not have any deleterious effect on any of the bridge components and High way safety for traffic. : Does not arise

Thirumangalakudi
17/11/22
30/12/22

12/11/22
12/11/22
12/11/22

Deenadayar
Executive Engineer
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S. Anil Nuthal
RESIDENT ENGINEER Cum
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CPCL & JR Consultancy
TNJR - POKT & TRMYM - MMVDRI
Road Project NH-36.Pudukkottai.

M. Pandian 30/12/22
M.S. PANDIAN
Dy.GM(T) / Project Director
National Highways Authority of India
PIU - KARAISKUDI

B. LAYING OF UTILITY LINE ACROSS NH:

1. Chainage at which it crosses the NH

: Across the road at
Km -138 / 000, Km - 140 /
050, Km - 141 / 700, Km -
141 / 970, Km - 143 / 630,
Km - 143 / 900 & Km - 144
/ 100 by Trenchless Method
of NH 226.

2. Does the proposal cross the NH on a line
normal to it? If not, the reasons thereof,
and why it cannot be taken normal to road.

: Yes, on a line normal to it

3. If the proposal for irrigation purpose? If so
the concurrence of revenue Dept. has been
enclosed.

: Not Applicable.

4. Whether there is any structure existing within
15M from the crossing? If so, the detail of such.

: No

5. The reason why the crossing cannot be shifted to
more than 15 from the existing structures.

: Does not arise.

7/11/22
06/12/22

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18/12/22

17/11/22
Executive Engineer
TWAD.Board, Project Division
Karaikudi

Arul Nukhal
RESIDENT ENGINEER ~~CHD~~
HIGHWAY MAINTENANCE
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CPCL & JR Consultancy
TNJR - PDKT & TRMYM - MNMDRI
Road Project NH-36, Pudukkottai.

30/12/22
M.S. PANDIAN
Dy.GM(T) / Project Director
National Highways Authority of India
PIU - KARAIKUDI

C. METHOD OF CASING PIPES:

- 1] Does it pass through special conduits or other structures built for this purpose : Yes
- 2] Does it use any of the existing drainage structures? : No.
- 3] Whether the conduit pipes have been encased : Yes. Encased
- 4] The detail of casing pipes such as its dia, materials etc.:

<u>Encasing MS Pipe</u>	<u>HDPE Pipe</u>
200mm dia	50mm dia
200mm dia	63mm dia
200mm dia	90mm dia
450mm dia	200mm dia
- 5] Whether the ends of casing or conduct pipe are sealed from outside so that it may not act as Drainage path. : Yes
- 6] Does the casing conduit pipe extent from drain to drain, if this is cut or from the tie or slope to Tie of slop[e in Care, if this is full. : No
- 7] Whether the tops of casing / conduit pipe is 1.2M below the road level subject to the conditions that it lies at least 0.5M below the drain inverts. : Yes.

Thirumangalakudi
17/11/22
JPS/DRC

10/11/22
17/11/22
A.C.S. 180 10/11/22

17/11/22
Executive Engineer
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CPCL & JR Consultancy
TNJR - PDKT & TRMYM - MNMDRI
Road Project NH-36, Pudukkottai

M.Pandian
30/12/22
M.S. PANDIAN
Dy.GM(T) / Project Director
National Highways Authority of India
PIU - KARAIKUDI

D. METHOD OF LAYING:

1. Will the pipe be installed under road embankment by boring or, trench method. (In case of C.C roads or dense bituminous concrete roads, only boring methods could be adopted)

Open Trench Method along the road
HDD Method from
Km 141/970 to Km 142/400 (RHS)

2. If trench method is adopted

- | | |
|--|--|
| a] Are the sides of the trench nearly vertical | :Yes |
| b] What is the width of trench? Is it not less than 30cm and not more than 60cms than the outer dia if the casing pipes. | :Yes |
| c] Whether the bedding is of 30cm thick below the pipe? | :Yes |
| d] Does it consist of granular materials or other Good materials to give a firm surface. | :Good materials to give a firm surface |
| e] Are the above details shown in the sketch | :Yes |
| f] Whether the back fill shall be completed in 2 Stage | :Yes |
| g] Whether the side fill shall consist of pucca materials and whether will it be completed to 95% of its pro density? | :Yes |
| h] Whether the road will be restored to its original state? | :Yes |
| i] Whether all precautions will be taken during execution? | :Yes |
| j] Whether the party agrees to meet the cost of restoring the road to the original position. | :Yes |

Thiruvannamalai
12/11/22
JC/PSD/DVC

12/11/22
AES 12/11/22

Executive Engineer
TWAD Board, Project Division
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S. Anil Kumar
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CPCL & JR Consultancy
TNJR - PDKT & TRMYM - MHMDPU
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Dy.GM(T) / Project Director
National Highways Authority of India
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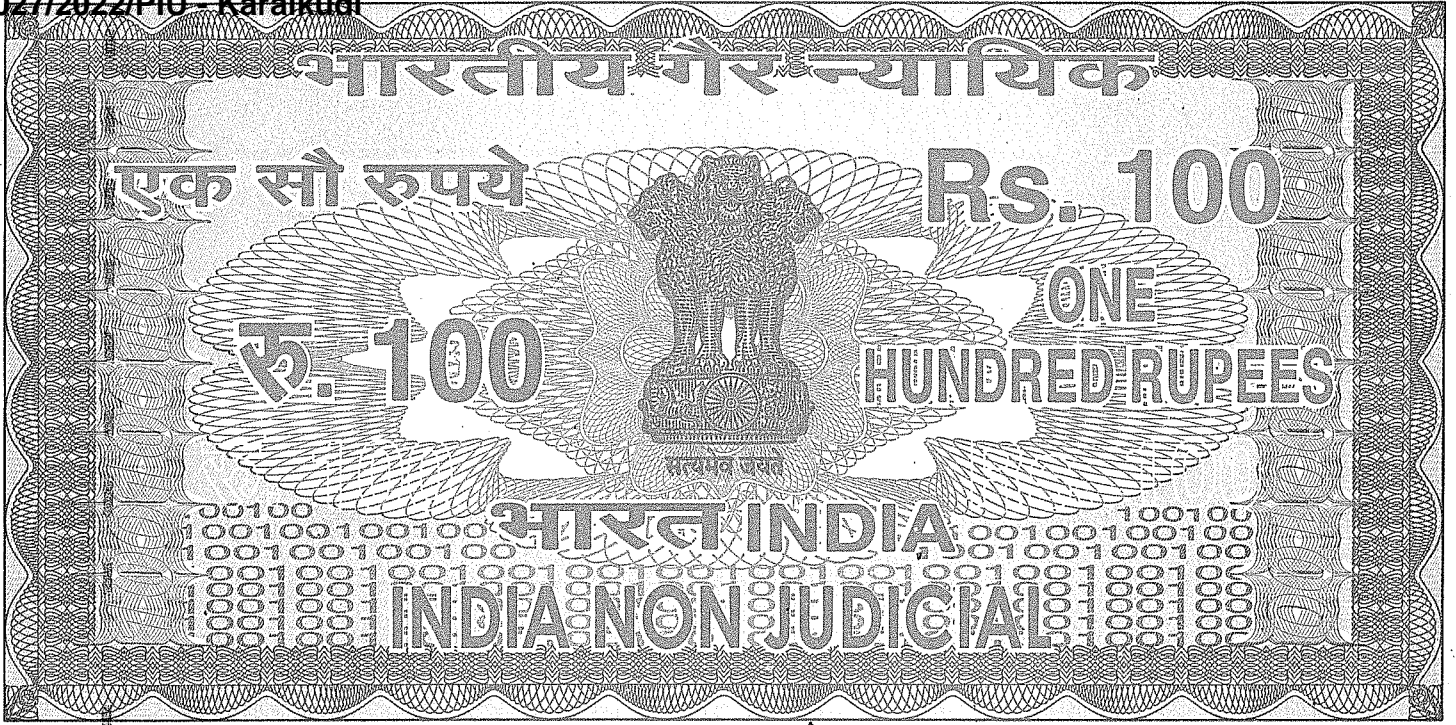
CERTIFICATE

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

T. S. Srinivasan
17/11/22
JE/PSD/DYCL

K. Srinivasan
17/11/22
Asst. PS/DYCL

S. Srinivasan
17/11/22
Executive Engineer
TWAD Board, Project Division
Karaikudi



தமிழ்நாடு தமில்நாடு TAMILNADU

₹.100/-
15/11/22

DA 756813

Executive Engineer

TWAD Board, Project Division
Karaikudiச.சுந்தரபாண்டியன்.எம்.
உரிம எண்: 3719/அ.1/9
நகர் முத்தரத்தான் வீற்பவையா
சிவசங்கை-தமிழ்நாடு.

Sub: Proposal for Laying Water Supply Pipe Line Along NH - 226 Thirumayam - Manamadurai (NHAI) from Km - 135 / 000 to Km - 141 / 700 & Km - 141 / 970 to Km - 143 / 630 (RHS) to total Length of 8.360 Km and Km - 143 / 630 to Km - 145 / 480 (LHS) to total Length of 1.850 Km by Open Trench Method and by HDD Method at Km - 141 / 970 to Km - 142 / 400 (RHS) and 7 Nos of crossing at Km - 138 / 000, Km - 140 / 050, Km - 141 / 700, Km - 141 / 970, Km - 143 / 630, Km - 143 / 900 & Km - 144 / 100 on National Highways No.226 by Trenchless Method.

Undertaking


- 1) We Undertake not to Damage any other utility, if damaged, we will pay the losses either to NHAI or to the concerned agency.
- 2) We undertake to renew the Bank Guarantee if required.

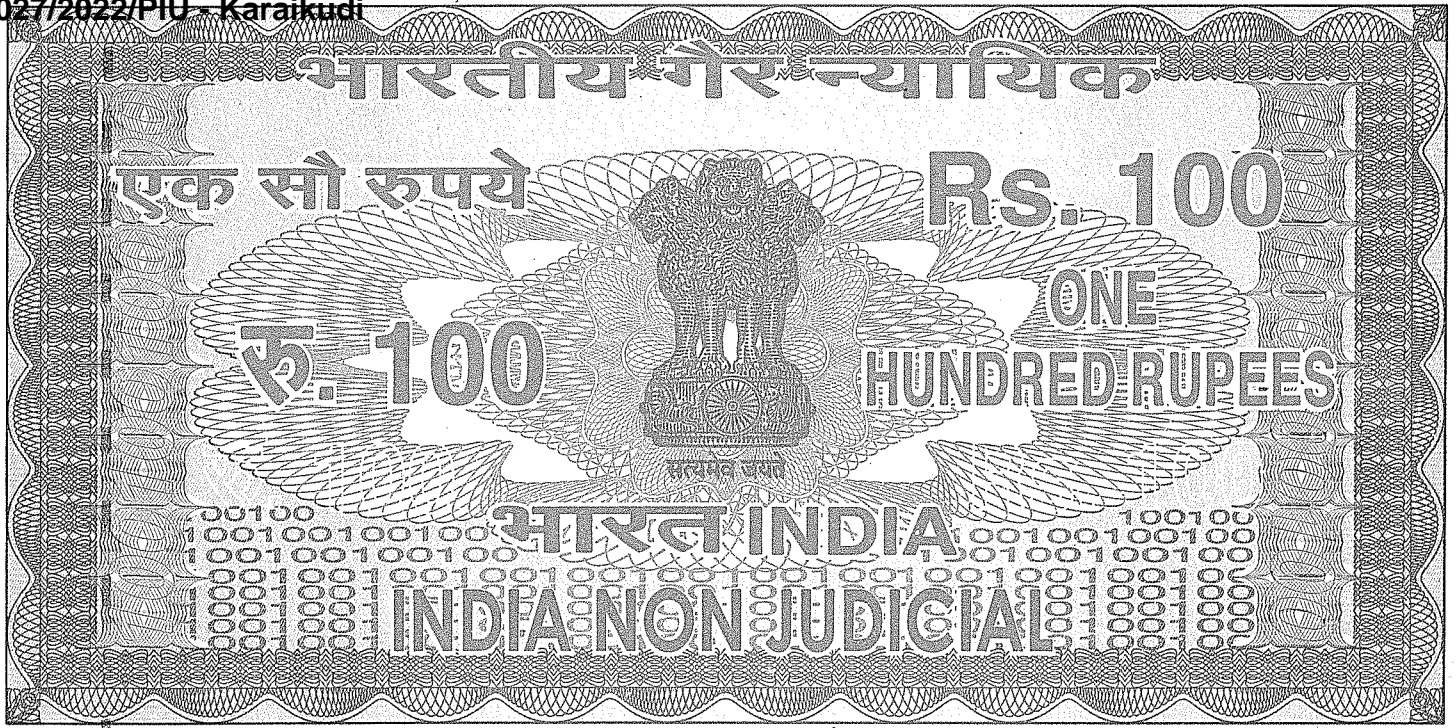
Executive Engineer
TWAD Board, Project Division
Karaikudi

- 3) We Undertake to confirm all standard conditions of NHAI's guidelines.
- 4) We Undertake to Shift of water supply pipe line as and when required by NHAI at our own cost.
- 5) We Undertake to Shift the water supply pipe line due to 4 lanning / widening of NH at a later date.
- 6) We Undertake and Indemnify against all damages and claims as per clause (xxiv)
- 7) We undertake to manage the Traffic movement during laying of new water supply pipe line.
- 8) We undertake to accept any claims raised by the Concessionaire if any and the same will be paid by us.
- 9) We undertake to obtain Prior approval of the NHAI before undertaking any work of installation to the showing water supply pipe line located in the National highway right-of-ways.
- 10) We undertake to bear the Expenditure, if any, incurred by NHAI for repairing any damage Caused to the National Highway by laying of new water supply pipe line.
- 11) We undertake to move the utility line for any work of improvement or repairs to the road If the NHAI considers, if necessary, in future, it will be carried out as desired by the NHAI at my cost within a reasonable time (not exceeding 60 days) of the intimation given.
- 12) We undertake to pay the fee /rent as mentioned in the Ministry's Guidelines
Lr. No. RW/NH-33044/29/2015-S&R (R) dated 22.11.2016 as and when asked by NHAI.

Certificate

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


Executive Engineer
TWAD Board, Project Division
Karaikudi



தமிழ்நாடு தமில்நாடு TAMILNADU

Rs. 100/-
15/11/22

DA 756816

Executive Engineer

PWAO Board, Project Division

Karaikudi

ச.சுந்தரபாண்டியன்.எ
உரிம எண்: 3719/ஆ
நகர் முத்திரைத் தாள் விற்பனை
சிவகங்கை-தமிழ்நாடு

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

Agreement to lay water supply pipe line at Along NH - 226 Thirumayam - Manamadurai (NHAI) from Km - 135 / 000 to Km - 141 / 700 & Km - 141 / 970 to Km - 143 / 630 (RHS) to total Length of 8.360 Km and Km - 143 / 630 to Km - 145 / 480 (LHS) to total Length of 1.850 Km by Open Trench Method and by HDD Method at Km - 141 / 970 to Km - 142 / 400 (RHS) and 7 Nos of crossing at Km - 138 / 000, Km - 140 / 050, Km - 141 / 700, Km - 141 / 970, Km - 143 / 630, Km - 143 / 900 & Km - 144 / 100 on National Highways No.226 by Trenchless Method.

This Agreement made this _____ day of _____ (month) of _____ year between _____ acting in his executive capacity through the President of India / National Highways Authority of India (hereinafter

[Signature]

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referred to as the "Authority" which expression shall unless excluded by or repugnant to the context, include his successors in office and assigns) of the one part and Executive Engineer, TWAD Board, Project Division, Karaikudi (name of the party). (Hereinafter called the 'Licensee') which expression shall, unless excluded by or repugnant to the context, include his heirs its successors/administrator assignees on the second part.

Whereas the Authority is responsible, inter alia, for development and maintenance of lands in Along NH – 226 Thirumayam – Manamadurai (NHAI) from Km - 135 / 000 to Km - 141 / 700 & Km - 141 / 970 to Km - 143 / 630 (RHS) to total Length of 8.360 Km and Km - 143 / 630 to Km - 145 / 480 (LHS) to total Length of 1.850 Km by Open Trench Method and by HDD Method at Km - 141 / 970 to Km - 142 / 400 (RHS) and 7 Nos of crossing at Km - 138 / 000, Km - 140 / 050, Km - 141 / 700, Km - 141 / 970, Km - 143 / 630, Km - 143 / 900 & Km - 144 / 100 on National Highways No.226 by Trenchless Method of RoW.

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

Whereas the licensee has applied to the Authority for permission to lay water supply pipes Along NH – 226 Thirumayam – Manamadurai (NHAI) from Km - 135 / 000 to Km - 141 / 700 & Km - 141 / 970 to Km - 143 / 630 (RHS) to total Length of 8.360 Km and Km - 143 / 630 to Km - 145 / 480 (LHS) to total Length of 1.850 Km by Open Trench Method and by HDD Method at Km - 141 / 970 to Km - 142 / 400 (RHS) and 7 Nos of crossing at Km - 138 / 000, Km - 140 / 050, Km - 141 / 700, Km - 141 / 970, Km - 143 / 630, Km - 143 / 900 & Km - 144 / 100 on National Highways No.226 by Trenchless Method.

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


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

1. RoW permission are only enabling in nature. The purpose of extending the way leave facility on the National Highway RoW is not for enhancing the scope of activity of a utility service provider, either by content or by intent. Further,



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enforceability of the permission so granted shall be restricted only to the extent of provisions / scope of activities defined in the license agreement & for the purpose for which it is granted.


2. No Licensee shall claim exclusive right on the RoW and any subsequent user will be permitted to use the RoW, either above or below, or by the side of the utilities laid by the first user, subject to technical requirement being fulfilled. Decision of the Authority in relation to fulfillment of technical requirements shall be final and binding on all concerned parties. In case any disruption / damage is 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 equipments, material, construction, erection, testing and commissioning, maintenance and operation and all other activities essential or required for efficient functioning of their own utility / industrial infrastructure facilities.
4. The licensee shall pay license fees @ Rs /Sq. m/ month to the Authority. The License fee shall become payable from the date of handing over of RoW land to the Licensee, for laying of utilities / cables / conduits / pipelines for infrastructure/service provider. As regards Tariff and Terms and Conditions for Providing Common Utility ducts along National Highways, there shall be a separate agreement regime.
5. Fee shall have to be paid in advance for the period for which permission is granted for entering into a license agreement. In case of renewal, rate prevailing at the time of renewal shall be charged. Delay in deposition of fee shall attract interest @ 15% per annum compounded annually.
6. Present policy of the MoRT& H is to provide a 2.00 m wide utility corridor on either side of the extreme edge of RoW. In case where utility ducts with sufficient space are already available along NH, the Utility services shall be laid in such ducts subject to technical requirements being fulfilled.


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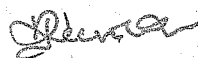
7. The utilities services shall be laid at the edge of the RoW. In case of restricted width of RoW, which may be adequate only to accommodate the carriageway, central verge, shoulders, slopes of embankment, drains other road side furniture etc; the utility services shall be laid beyond the toe line of the embankments and clear of the drain.
8. The Licensee shall make his own arrangement for crossing of cross drainage structure, rivers, etc, below the bed. In case, this is not feasible, the utility services may be carried outside the railings / parapets and the bridge superstructure. The fixing and supporting arrangement with all details shall be required to be approved in advance from the concerned Highway Administration. Additional cost on account of fixing and supporting arrangement as assessed by the Authority shall be payable by the Licensee.
9. In exceptional cases, where RoW is restricted the utility service can be allowed beneath the carriageway of service road, if available, subject to the condition that the utility service be laid in concrete ducts, which will be designed to carry traffic on top. The width of the duct shall not be less than one lane. In such cases, it also needs to ensure that maintenance of the utility service shall not interface with the safe and smooth flow of traffic. The cost of operation and maintenance will have to be borne by the Licensee.
10. It is to be ensured that at no time there is interference with the drainage of the road land and maintenance of the National Highways. Towards this, the top of the utility services shall be at least 0.6 meter below the ground level. However, any structure above ground shall be aesthetically provide for / landscaped with required safety measures as directed by the concerned Authority;
11. The utility service shall be permitted to cross the National Highway either through structure or conduits specially built for that purpose. The casing / conduit pipe should, as minimum, extend from drain to drain in cuts and toe of slope to toe of slop in the fills and shall be designed in accordance with the provision of IRC and executed following the Specifications of the Ministry.
12. Existing drainage structure shall not be allowed to carry the lines across.


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13. The top of the casing / conduit pipe containing the utility services to cross the road shall be at least 1.2m below the top of the sub grade or the existing ground level whichever is lower, subject to being at least 0.3m below the drain inverts. A typical sketch showing the clearances is given in Attachment - 1.
14. The utility service shall cross the National Highway preferable on a line normal to it or as nearly so as practicable.
15. The casing / conduit pipe for crossing the road may be installed under the road embankment either by boring or digging a trench. Installation by boring method shall be preferred.
16. In case of trenching, the sides of the trench should be done as nearly vertical as possible. The trench width should be at least 30 cm. but not more than 60 cms wider than the outer diameter of the pipe. Filling of the trench shall conform to the specifications contained here-in- below or as supplied by the Highway Authority.
 - a. Bedding shall be to a depth not less than 30 cm. It shall consist of granular material, free of lumps, clods and cobbles, and graded to yield a firm surface without sudden change in the bearing value. Unsuitable soil and rock edges should be excavated and replaced by selected material.
 - b. The backfill shall be completed in two stages (i) side – fill to the level of the top of the pipe (ii) Overfill to the bottom of the road crust.
 - c. The side fill shall consist of granular material laid in 15 cm. Layers each consolidated by mechanical tamping and controlled addition of moisture to 95% of the Proctor 's Density. Overfill shall be compacted to the same density as the material that had been removed. Consolidation by saturation or bonding will not be permitted.
 - d. The road crust shall be built to the same strength as the existing crust on either side of the trench or to thickness and specifications stipulated by the Highway Authority.
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;


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18. All required restoration works subsequent to laying of the cable shall be required to be undertaken by the Licensee at its cost either by itself or through its authorized representative in consultation with the Authority as per predetermined time schedule and quality standards.
19. Prior to commencement of any work on the ground, a performance Bank Guarantee @ Rs. Per route meter / Rs. Per sq m with a validity of one year initially (extendable if required till satisfactory completion of work) shall have to be furnished by the Licensee to the Authority / it's designed agency as a security against improper restoration of ground in terms of filling/unsatisfactory compaction damages caused to other underground installation / utility services & interference, interruption, disruption or failure caused thereof to any service etc. In case of the Licensee failing to discharge the obligation of making good of the excavated trench / other restoration work, the Authority shall have a right to make good the damage caused by excavation, at the cost of the Licensee and recover the amount by forfeiture of the Bank Guarantee.
20. In case, the Performance Bank Guarantee invoked as mentioned above, the Licensee shall be required to replenish and reinstate the required performance Bank Guarantee within one month of such invoking. In case the work contemplated herein is not completed to the satisfaction of the Authority, which has granted the permission, within a period of 11 months from the date of issue of the Bank Guarantee, the Licensee shall either furnish a fresh guarantee or extend the guarantee for a further period of one year. Not with standing this, the licensee shall be liable to pay full compensation to the aggrieved Authority / its designated agency for any damage sustained by them by reason of the exercise of the RoW facility;
21. The Licensee shall shift the utility service within 90days (or as specification by the respective Authority) from the date of issues of the notice by the concerned Authority to shift/relocate the utility services, in case it is so require for the purpose of improvement/ widening of the road/route/highway or construction of flyover/bridge and restore the road / land to its original condition at his own cost and risk.



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22. The Licensee shall be responsible to ascertain from the respective agency in co-ordination with Authority, regarding the Location of other utilities/underground installation/facilities etc. the Licensee shall ensure the safety and security of already existing underground installations/utilities/facilities etc. before commencement of the excavation/using the existing cable ducts. The licensee shall procure insurance from a reputed insurance company against damages to already existing underground installations /utilities/facilities etc.
23. The licensee shall be solely responsible / liable for full compensation/indemnification of concerned agency / aggrieved Authority for any direct, indirect or consequential damage caused to them/claims or replacements sought for, at the cost and risk of the licensee. The concerned agency in co-ordination with Authority shall also have a right make good such damages/recover the claims by forfeiture of Bank Guarantee.
24. If the Licensee fails to comply with any condition to the satisfaction of the Authority, the same shall be executed by the Authority at the cost and risk of the Licensee.
25. Grant of Licensee is subject to the Licensee satisfying (a) minimum disruption of traffic and (b) no damage to the highways. As far as possible, the Licensee should avoid cutting of the road for crossing highways, and other roads and try to carry out the work by trenchless technology. In case any damage is caused to the road pavement in this process, the Licensee will be required to restore the road to the original condition at its cost. If due to unavoidable reasons the road needs to be cut for crossing or laying utility services, the Licensee has to execute the restoration work in a time bound manner at its cost either by itself or through its authorized representative in consultation with the Authority as per predetermined time schedule and quality standards. In case of the Licensee failing to discharge the obligation of making good of the excavated trench/other restoration work, the Authority shall have a right to make good the damages caused by excavation, at the cost of the Licensee and recover the amount by forfeiture of the Bank Guarantee.
26. The Licensee shall inform/give a notice to the concerned agency designated by the Authority at least 15 days in advance with route details prior to digging trenches, for fresh or maintenance/repair works. A separate performance Bank


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Guarantee for maintenance/repair works shall have to be furnished by the Licensee.

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




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34. The Licensee shall bear the Stamp Duty Charged on this Agreement.
35. Three copies of 'as laid drawings' of utilities (hard and soft copies) with geo-tagged photographs and geo-tagged video recordings of laying of water pipe line in the trench (with respect to the NH) and after complete restoration shall be submitted to the Authority for verification and record within a month of completion of works.
36. The Licensee shall allow free access to the Set at all times to the authorized representatives of Authority to inspect the Project Facilities and to investigate any matter within their Authority, and upon reasonable notice, shall provide reasonable assistance necessary to carry out their respective duties and functions.
37. The utility services shall not be made operational by the licensee unless a completion certificate to the effect that the utility services has been laid in accordance with the approved specifications and drawings and the trenches have been filled up to the satisfaction of the concerned agency in co-ordination with the Authority has been obtained. Not with standing anything contained herein, this Agreement may be cancelled at any time by Authority for breach of any condition for any loss caused to it by such cancellation not shall it be absolved from any liability already incurred.
38. The Licensee shall ensure adherence to relevant Indian standards and follow best industry practices, methods and standards for the purpose of ensuring the safe, efficient and economic design, construction, commissioning, operation, repair and maintenance of any part of the utility lines/industrial infrastructure facilities and which practices, methods and standards shall be adjusted as necessary, to take account of:
- a. Operation, repair and maintenance guidelines given by the manufacturers,
 - b. The requirements of Law.
 - c. The physical conditions at the site, and
 - d. The safety of operating personnel and human beings.
39. The Licensee shall have to provide safety measure like barricading, danger lighting and other necessary caution boards while executing the work.


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40. While laying utility service, at least one lane of road shall be kept open to traffic at all times. In case of single lane roads, a diversion shall be constructed. If any traffic diversion works are found necessary during the working period such diversion shall be provided at the cost Licensee.
41. After the termination/expiry of the agreement, the Licensee shall remove the utility services within 90 days and the site shall be brought back to the original condition failing which the Licensee will lose the right to remove the utility services. However, before taking up the work of removal of utility services the Licensee shall furnish a Bank Guarantee to the Authority for a period of one year for an amount assessed by the Authority as a security for making good the excavated trench by proper filling and compaction, clearing debris, loose earth produced due to excavation of trenching at least 50m away from the edge of the RoW.
42. Any disputes in interpretation of the terms and condition of this agreement or their implementation shall be referred to the redress mechanism prevailing in the Ministry and the decision of the redress mechanism shall be final and binding on all.
43. For PPP Projects, in case of any financial loss incurred by the respective project concessionaires due to such laying/shifting of utility service by the Licensee, compensation for the same shall be required to be borne by the Licensee in mutual agreement with the respective project concessionaries. MoRT & H/ NHAI/ implementing authorities for the project shall not be liable the concessionaire in any way in this regard.

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


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


(R. JESURAMAN)


Signed by Shri (Name in full) the licensee
The Constituted attorney of the licensee

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Signed by Shri (Name in full)
Project Director,
National Highway Authority of India,
For and on behalf of the president of India.

In the presence of

1. Name in full(Signature) with designation

B. Bal 
(B. BALACHANDAR)
ASSISTANT ENGINEER, TWAD BOARD,
PROJECT SUB DIVISION, KARAISKUDI

2. Name in full(Signature) with designation


P. Parthiban 
(P. PARTHIBAN)
Assistant Executive Engineer,
TWAD Bd, Project Subdiv.
Dharmapattinam

1. Name in full(Signature) with designation

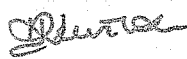
1. Name in full(Signature) with designation

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

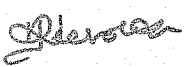
1. The Water Supply pipe line shall be located as close to the extreme edge of the right-of-way as possible but not less than 15 meters from the Centre-lines of the nearest carriageway.
2. The Water Supply pipe line shall not be permitted to run along the National Highways when the road formation is situated in double cutting. Nor shall these be laid over the existing culverts and bridges without the prior approval of NHAI/Government of India.
3. The Water Supply pipe line shall be so placed that at no time there is interference with the maintenance of the National Highways.
4. These should be so laid that their top is at least 0.6 meter below the ground level so as not to obstruct drainage of the road land.
5. The authority/ owner of the underground utility shall ensure that laying Water Supply pipe line should not have any deleterious effects on any of the bridge components and roadway safety for traffic.
6. The lines shall cross the National Highways preferably on a line normal to it or as nearly so as practicable.
7. Crossings shall not be too near the existing structures on the National Highway, the minimum distance being 15 meters.
8. The Water Supply pipe line is permitted to cross the National Highway, either encased in pipes or through structure of conduits specially built for that purpose at the expense of the agency owning the line. Existing drainage structures shall not be allowed to carry the lines across.


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9. The casing pipe (or conduit pipe in the case of electric cable) carrying the Water Supply pipe line shall be of steel, cast iron, or reinforced cement concrete and have adequate strength and be large enough to permit ready withdrawal of the carrier pipe/cable. Ends of the casing/conduit pipe shall be sealed from the outside, so that it does not act as a drainage path.
10. The casing/conduit pipe should, as minimum extend from drain to drain in cuts and toe of slope toe of slope in the fills.
11. The top pf the casing/conduit pipe should be at least 1.2 meter below the surface of the road subject to being at least 0.3 m below the drain inverts.
12. The casing/conduit pipe may be installed under the road embankment either by boring or digging a trench. Installation by boring method shall only be permitted where the existing road pavement is of cement concrete or dense bituminous concrete type.
13. The casing/conduit pipe shall be installed with an even bearing throughout its length and in such a manner as to prevent the formation of a waterway along it.
14. Open trenching method. (May be allowed in utility corridor only where pavement is neither cement concrete nor dense bituminous concrete type)
 - (a) The sides of the trench should be done as nearly vertical as possible. The trench width should be at least 30 cm, but not more than 60 cm wider than the outer diameter of the pipe.
 - (b) Filling of the trench shall conform to the specifications contained herein below.
 - (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.


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- (e) The side fill shall consist of granular material laid in 15 cm layers each consolidated by mechanical tampering and controlled addition of moisture to 95% of the Proctor's Density. Overfill shall be compacted to the same density as the material that had been removed. Consolidation by saturation or ponding will not be permitted.
 - (f) The road crust shall be built to the same strength as the existing crust on either side of the trench or to thickness and specifications stipulated by the Highways Authority. Care shall be taken to avoid the formation of a dip at the trench.
 - (g) The excavation shall be protected by flagman, signs and barricades, and red lights during night hours.
- 15. If needed, a diversion shall be constructed at the expense of agency owning the Water Supply pipe line.
 - 16. Prior approval of the NHAI shall be obtained before undertaking any work of installation, shifting or repairs, or alterations to the Water Supply pipe line located in the National highway right-of-ways.
 - 17. Expenditure, if any, incurred by the Highway Authority for repairing any damage caused to the National Highway by the laying, maintenance or shifting of the Water Supply pipe line will be borne by the agency owning the Water Supply pipe line.
 - 18. If the NHAI considers it necessary in future to move the Water Supply pipe line for any work of improvement of repairs to the road, it will be carried out as desired by the Highway Authority at the cost of the agency owning the Water Supply pipe line within a reasonable time (not exceeding 60 days) of the intimation given.
 - 19. The licensee shall ensure making good the excavated trench for laying Water Supply pipe line by proper filling and compaction, so as to restore the land in to the same conditions as it was before digging the trench, clearing debris/loose earth produced due to execution of trenching at least 50m away from the edge of the right of way.


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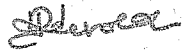
20. The licensee shall furnish a Bank Guarantee to the NHAI @ Rs50/- per running meter (parallel to NH) and Rs1,00,000/- per crossing of NH, for a period of one year initially (extendable if required till satisfactory completion of work) as a security for ensuring/making good the excavated trench for laying the cables/ducts by proper filling and compaction, clearing debris/loose earth produced due to execution of trenching at least 50m away from the edge of the right of way. No payment shall be payable by the NHAI to the licensee for clearing debris/loose earth.
21. In case the work contemplated herewith is not completed to the satisfaction of the NHAI, which has granted the permission, within a period of 11 months from the date of issue of the bank guarantee, the licensee shall either furnish a fresh guarantee or extend the guarantee for a further period of one year. In case of the licensee failing to discharge the obligation of making good the excavated trench, the NHAI shall have a right to make good the damages caused by excavation, at the cost of the licensee and recover the amount by invoking the bank guarantee furnished by the licensee.
22. The licensee shall shift the Water Supply pipe line within 60 days (or as specified by the respective agency/owner) from the date of issue of the notice by the NHAI, Govt. of India to shift/relocate the Water Supply pipe line, in case it is so required for the purpose of improvement/widening of the road/route/highway or construction of flyover/bridges and restore the road/land to its original condition at his own cost and risk.
23. Regarding the location of other cables, underground installation/utilities etc, the licensee shall be responsible to ascertain from the respective agency in coordination with NHAI. The licensee shall ensure the safety and security of already existing cables/underground installation/utilities facilities etc. before commencement of the excavation.


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24. The licensee shall be solely responsible/ liable for full compensation/indemnification of concerned agency/aggrieved owner for any direct, indirect or consequential damage caused to them/claims or replacement sought for, at the cost and risk of the licensee. The concerned agency in co-ordination with NHAI shall also have a right to make good such damages/recover the claims by way of invoking of Bank Guarantee furnished by the licensee.
25. If the licensee fails to comply with the condition 22 and 23 above to the satisfaction of the NHAI, the same shall be got executed by the NHAI at the risk and cost of the licensee.
26. The licensee shall procure insurance from reputed insurance company against damages to already existing cables/underground installation/utilities/facilities etc during trenching.
27. The licensee has to cross the NH by horizontal drilling method (trenchless technology only). In case any damage is caused to the road pavement in this process, the licensee will be required to restore the same to the original condition at his own cost.
28. No trenching will be done on pucca road, boring method will be used in pucca road and Water Supply pipe line will be laid at the extreme edge of the road in the non-BT surface only.
29. The licensee shall inform/give a notice to the NHAI, Govt. of India or its authorized agency at least 15 days in advance with route details prior to digging trenches for fresh or maintenance/repair work. A separate work plan and a separate performance Bank Guarantee @ Rs50/- per meter length for maintenance/ repair work shall have to be furnished by the licensee.
30. Each day, the extent of digging the trenches should be strictly regulated so that cables are laid and trenches filled up before the close of the work that day. Filling should be completed to the satisfaction of the concerned agency designated by the NHAI.


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31. The licensee shall indemnify the concerned agency in co-ordination with NHAI, against all damages and claims, if any, due to the digging of trenches for laying Water Supply pipe line.
32. The NHAI has a right to terminate the permission or to extend the period of agreement. In case the licensee wants shifting, repairs or alteration to Water Supply pipe line, he will have to furnish a separate bank guarantee.
33. The licensee shall not without prior permission in writing from the NHAI Govt. of India or its authorized agency undertake any work of shifting, repairs or alterations to the said Water Supply pipe line.
34. The permission granted shall not in any way be deemed to convey to the licensee any ownership right or any interest in route/road/highway/ land/ property, other than what is herein expressly granted.
35. During the subsistence of this agreement, the laying of Water Supply Pipe Line /ducts located in highway land/property shall be deemed to have been constructed and continued only by the consent and permission of the NHAI so that the right of the licensee to the use thereof shall not become absolute and indefeasible by laps of time.
36. The licensee shall bear the stamp duty charged for the agreement.
37. The Water Supply pipe line shall not be brought in to use by the licensee unless a completion certificate to the effect that the laying of Water Supply Pipe Line has been laid in accordance with the approved specifications and drawings and the trenches have been filled up to the satisfactions of the concerned agency in co-ordination with the owner has been obtained.
38. Notwithstanding anything NHAI contained herein this agreement may be cancelled at any time by the or breach of any condition of the same and the licensee shall neither be entitled to any compensation for any loss caused to it by such cancellation nor shall it be absolved from any liability already incurred.

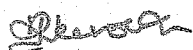

Executive Engineer
TWAD Board, Project Division
Karaikudi

39. The licensee shall have to provide barricading, danger lighting and other necessary caution boards while executing the work and during maintenance.
40. If any traffic diversion works are found necessary during the working period such diversion shall be provided at the cost of licensee.
41. After the termination/expiry of the agreement, the licensee shall remove the Water Supply pipe line within 60 days and the site shall be brought back to the original condition failing which the licensee will lose the right to remove the cables/ducts. However, before taking up the work of removal of Water Supply pipe line the licensee shall furnish a bank guarantee to the owner for a period of one year for an amount assessed by the owner for making good the excavated trench by proper filling and compaction, clearing debris, loose earth produced due to excavation of trenching at least 50m away from the edge of the right of way.
42. If NHAI is required to do some emergent work the licensee will provide an observer within 24 hours. NHAI will not be responsible for any damage of any kind by what so ever means natural or otherwise.
43. The enforceability of the Right-of Way permission granted here in shall be restricted to the extent of provisions/scope of service contained/defined in the license agreement and for the purpose for which it is granted. Either by content or by intent, the purpose extending this Right-of Way facility is not to enhance the scope.
44. Strict compliance of the following by the Project Director:
 - a) If the licensee fails to inform the commencement of laying of Water Supply pipe line 15 days before the actual start of the work at site the agreement should be null and void.
 - b) It is to be intimated to the HQ that, actual work has already been started at the site as per the provision of the agreement and the conditions stipulated in the Ministry Circular No. Ministry Circular No. NH-41 (58)/68 dated 31.1.1969, Ministry Circular No. NH-III/P/66/76 dated 18/19.11.1976, Ministry Circular No. RW/NH-III/P/66/76 dated 11.5.1982, Ministry Circular No. RW/NH-11037/1/86-DOI (ii)


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dated 28.7.1993, Ministry Circular No. RW/NH-11037/1/86/DOI dated 19.1.1995, Ministry Circular No. RW/NH-34066/2/95/ S&R dated 25.10.1999 and Ministry Circular No. RW/NH-34066/7/2003 S&R (B) dated 17.9.2003.

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


Executive Engineer
TWAD Board, Project Division
Karaikudi



தமிழ்நாடு தமில்நாடு TAMILNADU 18.100/-
15/11/22

DA 756819

Executive Engineer

TWAD Board, Project Division
Karaikudi

ச.சுந்தரபாண்டியன்.எம்.
உரிம எண்: 3719/ஆ1/1
நகர் முத்திரைத்தாள் விற்பனைய
சிவகங்கை-தமிழ்நாடு.

INDEMNITY BOND

Name of the work: Permission for laying of Water Pipe Line Along Thirumayam – Manamadurai (NHAI) from Km - 135 / 000 to Km - 141 / 700 & Km - 141 / 970 to Km - 143 / 630 (RHS) to total Length of 8.360 Km and Km - 143 / 630 to Km - 145 / 480 (LHS) to total Length of 1.850 Km by Open Trench Method and by HDD Method at Km - 141 / 970 to Km - 142 / 400 (RHS) and 7 Nos of crossing at Km - 138 / 000, Km - 140 / 050, Km - 141 / 700, Km - 141 / 970, Km - 143 / 630, Km - 143 / 900 & Km - 144 / 100 by Trenchless Method of NH 226 Tirumayam – Manamadurai Road.

Indemnity against all damages and claims of SI No 5 & 6 of Checklist.


We the Executive Engineer TWAD Board, Project Division, Karaikudi or in do hereby Indemnity Project Director. NHAI, PIU, binding ourselves to pay all the losses and claims in respect of laying water pipeline from Km - 135 / 000 to Km - 141 / 700 & Km - 141 / 970 to Km - 143 / 630 (RHS) to total Length of 8.360 Km and Km - 143 / 630 to Km - 145 / 480 (LHS) to total Length of 1.850 Km by Open Trench Method and by HDD Method at Km - 141 / 970 to Km - 142 / 400 (RHS) and 7 Nos of crossing at Km - 138 / 000, Km - 140 / 050, Km - 141 / 700, Km - 141 / 970, Km - 143 / 630, Km - 143 / 900 & Km - 144 / 100 by Trenchless Method of NH 226 Tirumayam – Manamadurai Road.

[Signature]
Executive Engineer
TWAD Board, Project Division
Karaikudi

589027/2022/PIU - Karaikudi

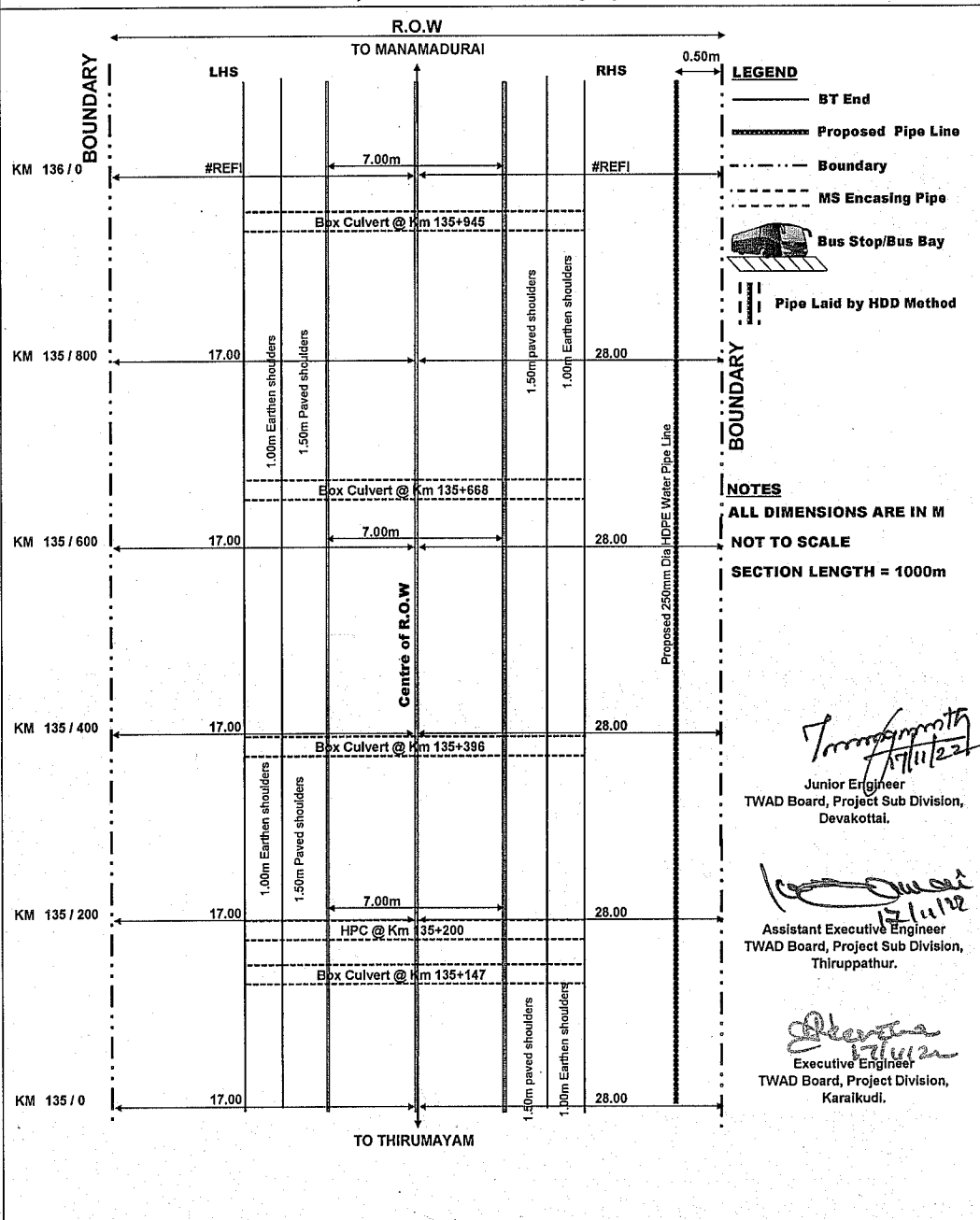
or maintenance, thereof and against all claims, proceeding, damages, Costs, charges and expenses or maintenance thereof and against all claims, proceedings damages, costs, charges and expenses whatsoever in respect thereof, in relation there to, failingsuch payment of claims in the above work, we abide in accepting for recovery of such claims affected from any of our assets.

The Executive Engineer, TWAD Board, Project Division, Karaikudi


Executive Engineer
TWAD Board, Project Division
Karaikudi

NAME OF SCHEME :- CWSS to 8 Town Panchayats, 2452 Rural Habitations and Bulk Provision to 3 Municipalities in Sivagangai District with River Cauvery as source

Laying of water pipe line Along NH - 226 Thirumayam - Manamadurai (NHAI) from Km - 135 / 000 to Km - 141 / 700 & Km - 141 / 970 to Km - 143 / 630 (RHS) to total length of 8.360 Km and Km - 143 / 630 to Km - 145 / 480 (LHS) to total length of 1.850 Km by Open Trench Method and by HDD Method at Km - 141 / 970 to Km - 142 / 400 (RHS) and 7 Nos of crossing at Km - 138 / 000, Km - 140 / 050, Km - 141 / 700, Km - 141 / 970, Km - 143 / 630, Km - 143 / 900 & Km - 144 / 100 by Trenchless Method on National Highways No.226

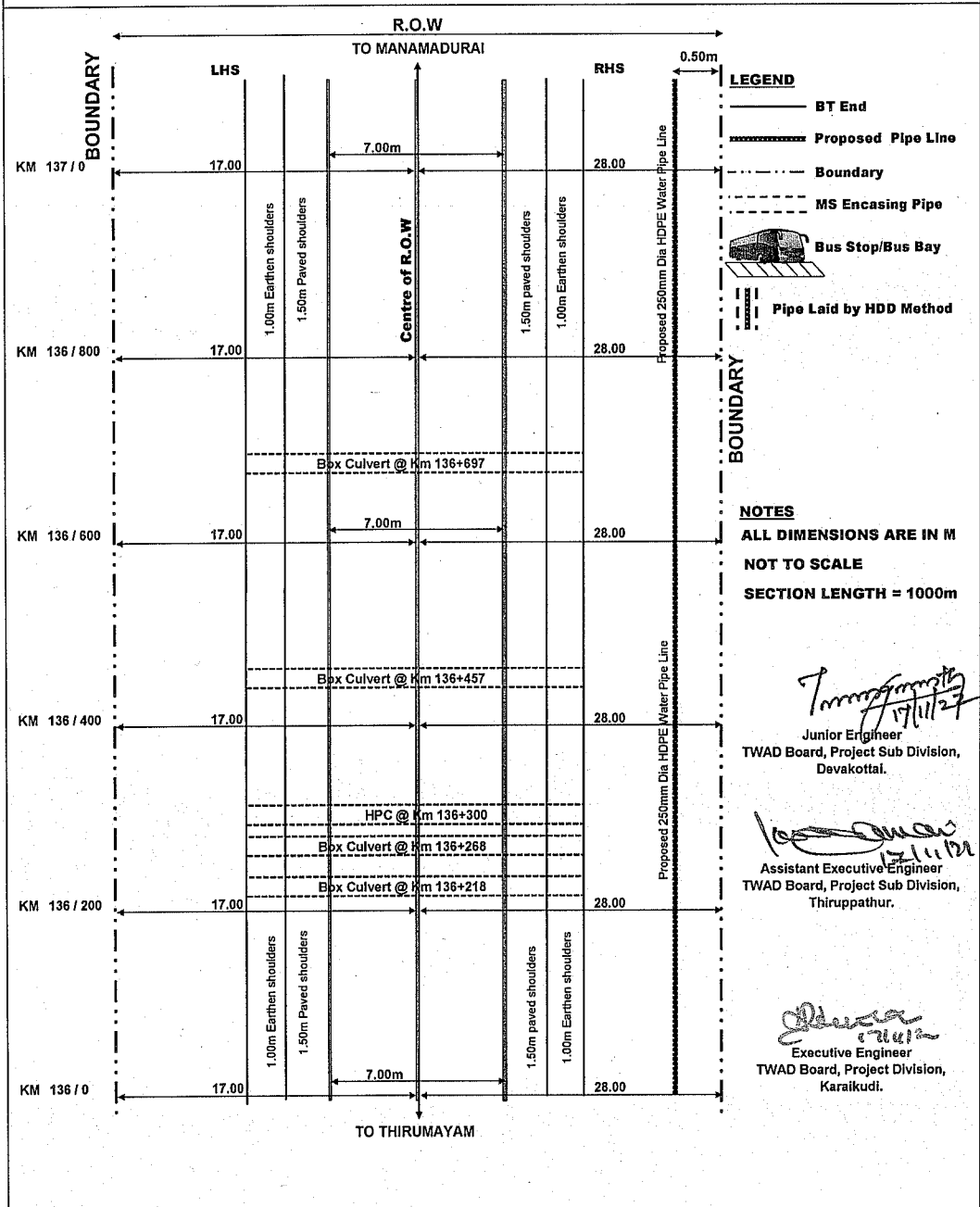


P. Anil Kumar
RESIDENT ENGINEER cum
HIGHWAY MAINTENANCE
M/s. Bloom Companies LLC
CPCL & JR Consultancy
TNJR - POKT & TRMYM - MNMDRI
Road Project NH-36, Pudukkottai.

M.S. Pandian
M.S. PANDIAN
Dy.GM(T) / Project Director
National Highways Authority of India
PIU - KARAIKUDI

NAME OF SCHEME :- CWSS to 8 Town Panchayats, 2452 Rural habitations and Bulk Provision to 3 municipalities in Sivagangai District with River Cauvery as source

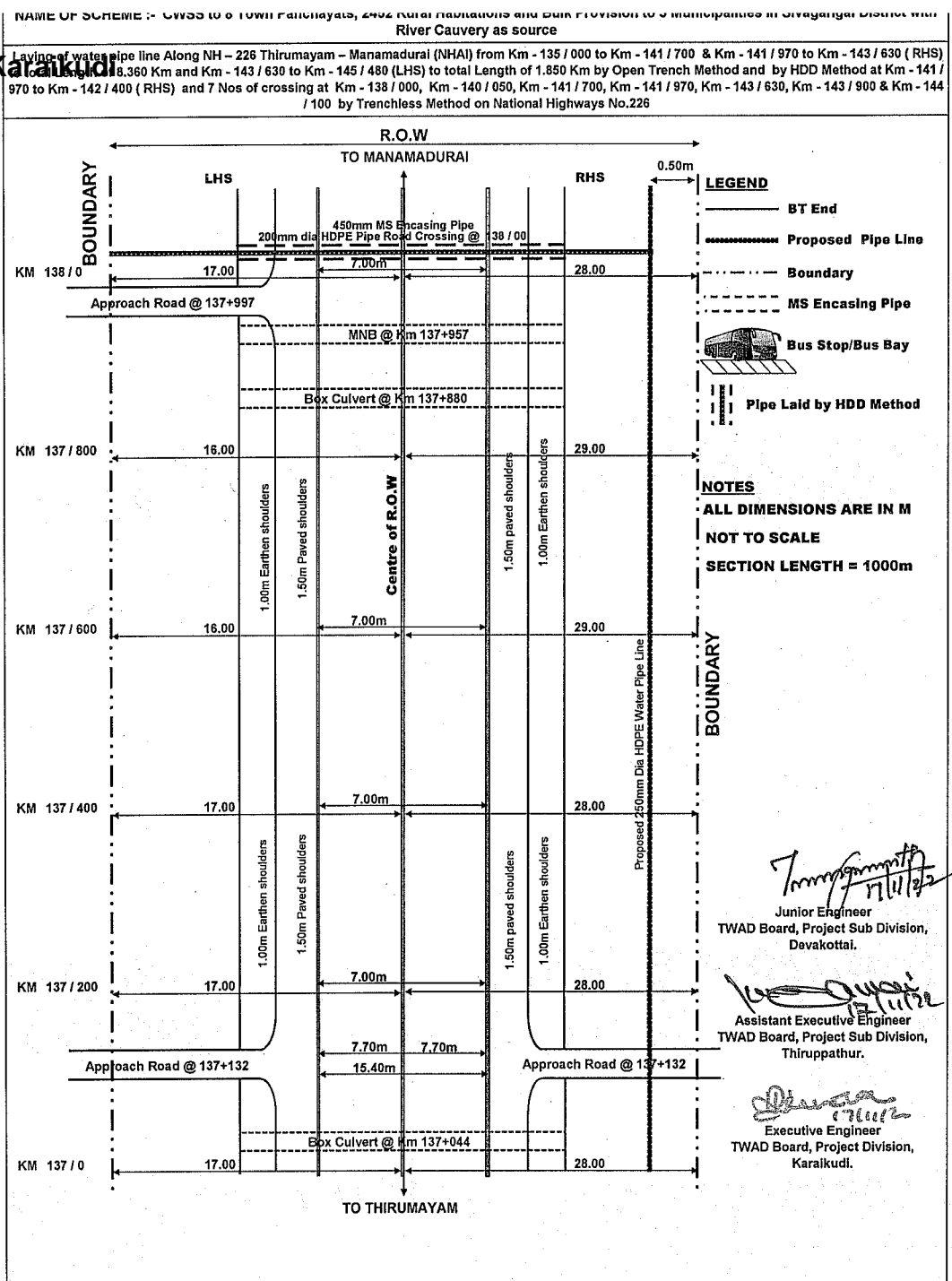
Laying of water pipe line Along NH - 226 Thirumayam - Manamadurai (NHA) from Km - 135 / 000 to Km - 141 / 700 & Km - 141 / 970 to Km - 143 / 630 (RHS) to total Length of 1.850 Km and Km - 143 / 630 to Km - 145 / 480 (LHS) to total Length of 1.850 Km by Open Trench Method and by HDD Method at Km - 141 / 970 to Km - 142 / 400 (RHS). and 7 Nos of crossing at Km - 138 / 000, Km - 140 / 050, Km - 141 / 700, Km - 141 / 970, Km - 143 / 630, Km - 143 / 900 & Km - 144 / 100 by Trenchless Method on National Highways No.226



S. Arul Muthiah
RESIDENT ENGINEER CHD
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Road Project NH-36, Pudukkottai

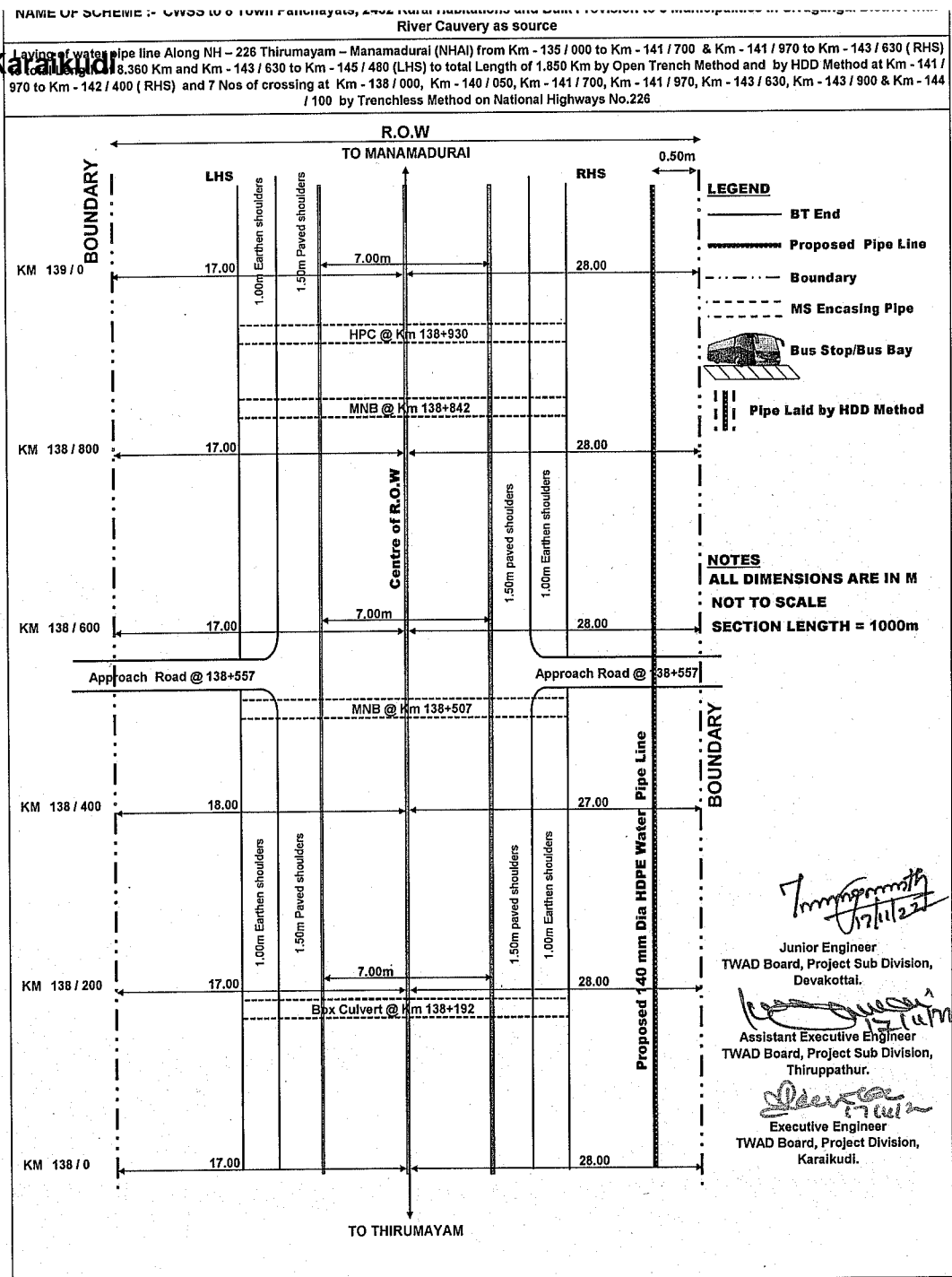
M.S. Pandian
30/12/22
M.S. PANDIAN
Dy.GM(T) / Project Director
National Highways Authority of India
PIU - KARAIKUDI

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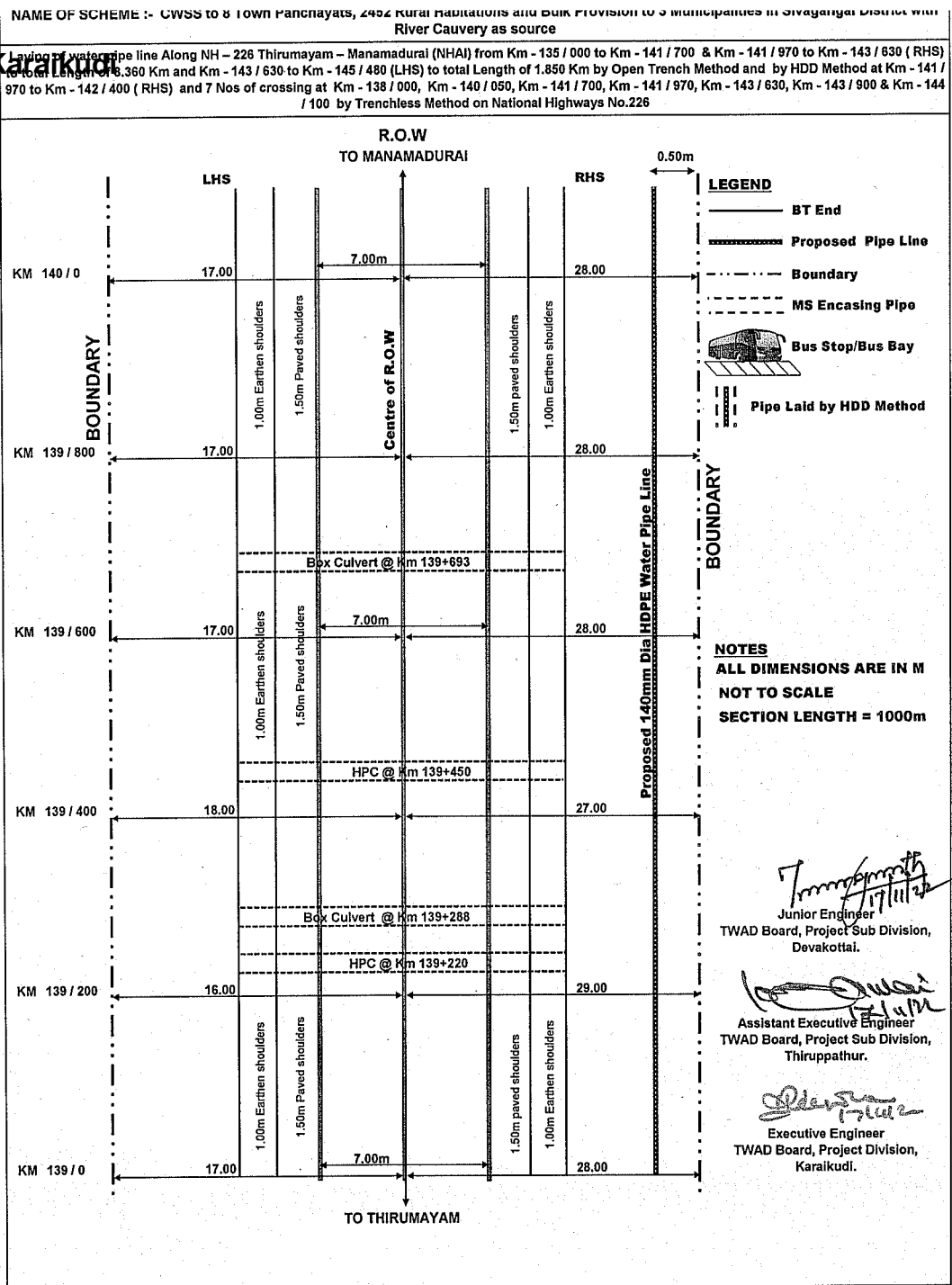
S. Arul Nithian
RESIDENT ENGINEER C&D
HIGHWAY MAINTENANCE
M/s. Bloom Companies LLC
CPCL & JR Consultancy
TNJR - PDKT & TRMYM - MNMDRI
Road Project NH-36, Pudukkottai.

M. Pandian
M.S. PANDIAN
Dy.GM(T) / Project Director
National Highways Authority of India
PIU - KARAUKUDI



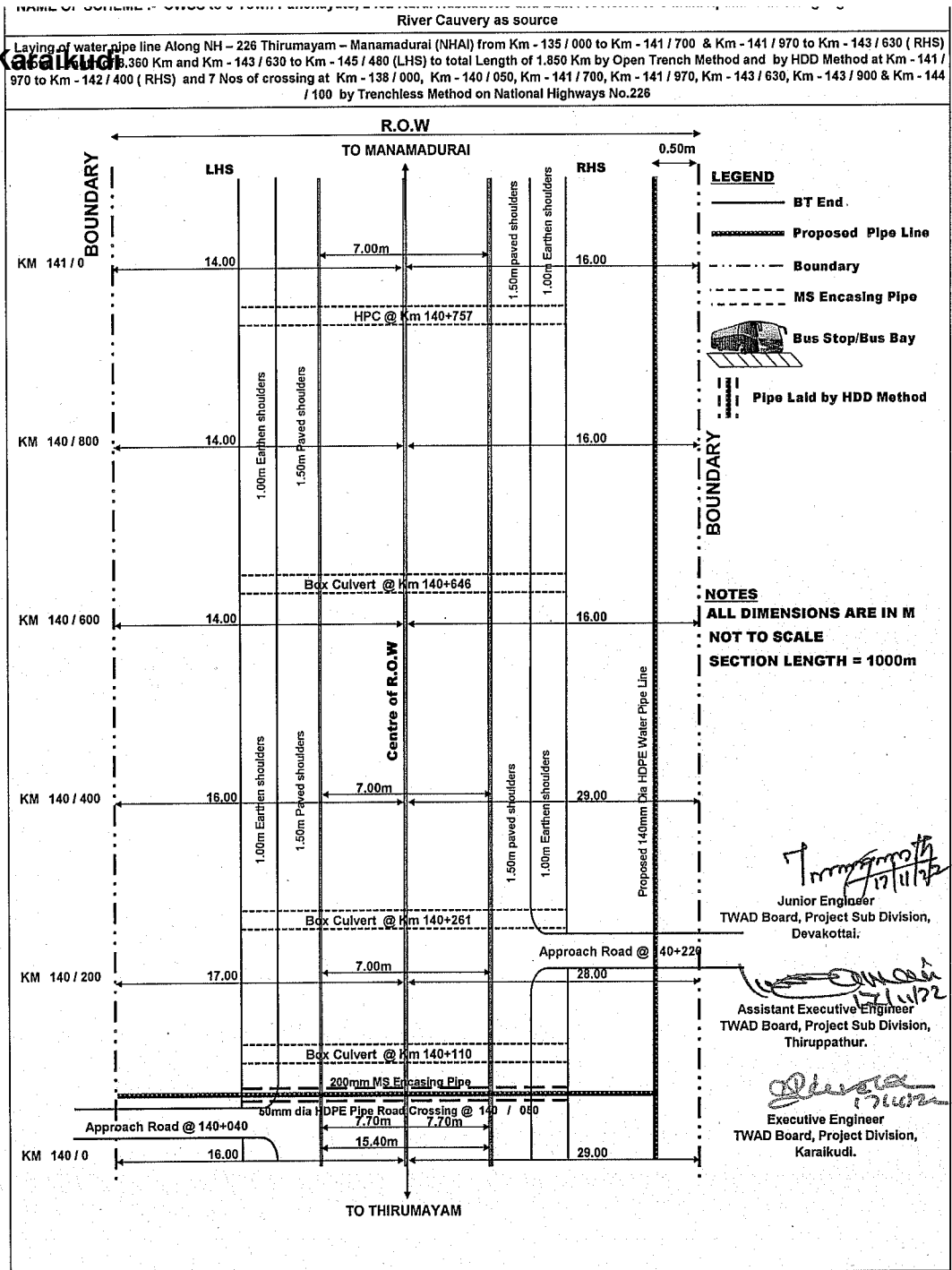
S. Arul Nithian
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S. Arul Alukrish
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TNJR - PDCT & TRMYM - MMMDRI
Road Project NH-36 Pudukkottai

m. Pandian
M.S. PANDIAN
Dy.GM(T) / Project Director
National Highways Authority of India
PIU - KARAIKUDI

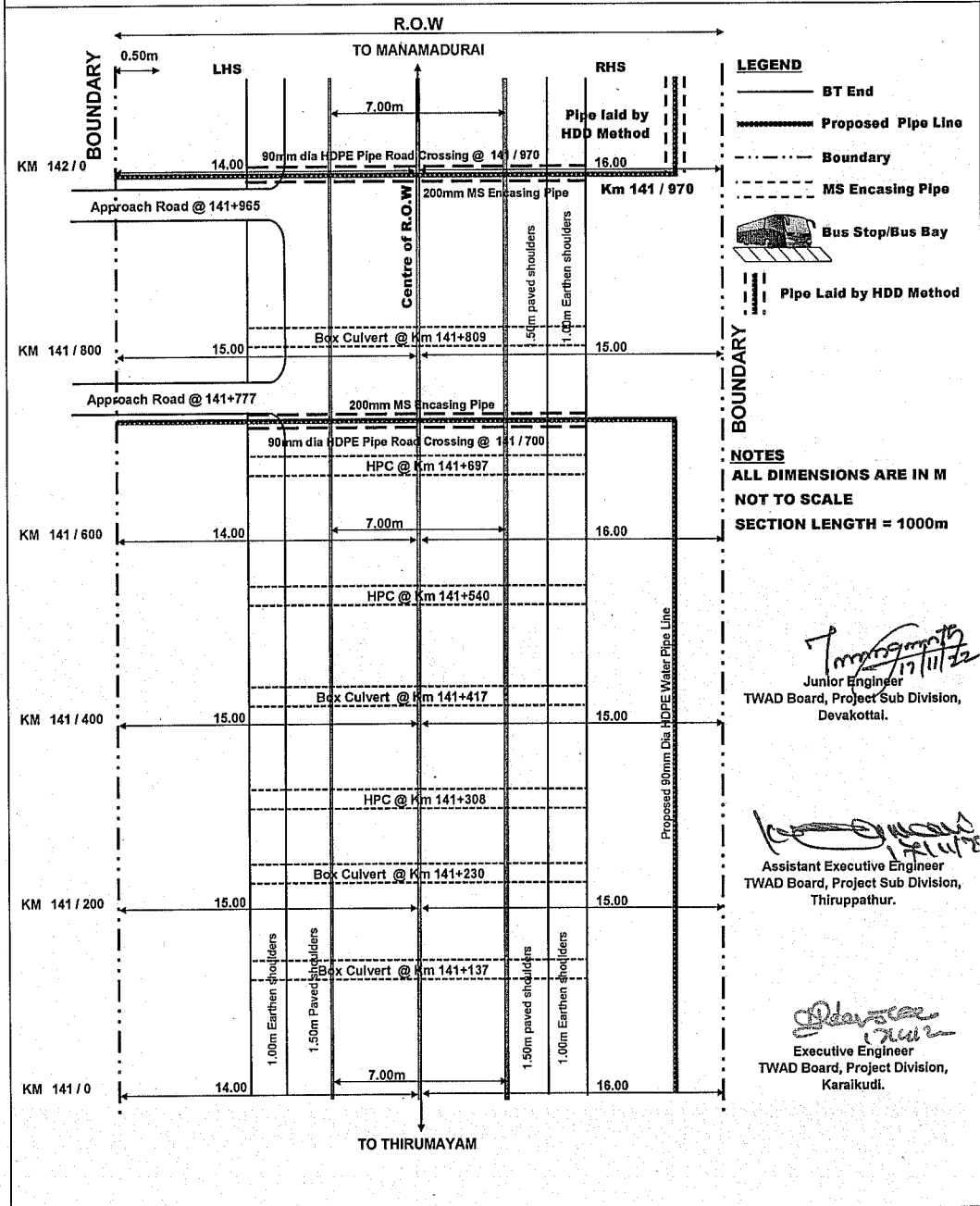


S. Anand Kumar
RESIDENT ENGINEER, Civil
HIGHWAY MAINTENANCE
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CPCL & JR Consultancy
TNJR - PDKT & TRMYM - MNMDRI
Road Project NH-36, Pudukkottai.

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PIU - KARAIKUDI

589027/2022/PIU - Karaikudi

Laying of water pipe line Along NH - 226 Thirumayam - Manamadurai (NHAI) from Km - 135 / 000 to Km - 141 / 700 & Km - 141 / 970 to Km - 143 / 630 (RHS) from Km - 135 / 360 Km and Km - 143 / 630 to Km - 145 / 480 (LHS) to total Length of 1.850 Km by Open Trench Method and by HDD Method at Km - 141 / 970 to Km - 142 / 400 (RHS) and 7 Nos of crossing at Km - 138 / 000, Km - 140 / 050, Km - 141 / 700, Km - 141 / 970, Km - 143 / 630, Km - 143 / 900 & Km - 144 / 100 by Trenchless Method on National Highways No.226

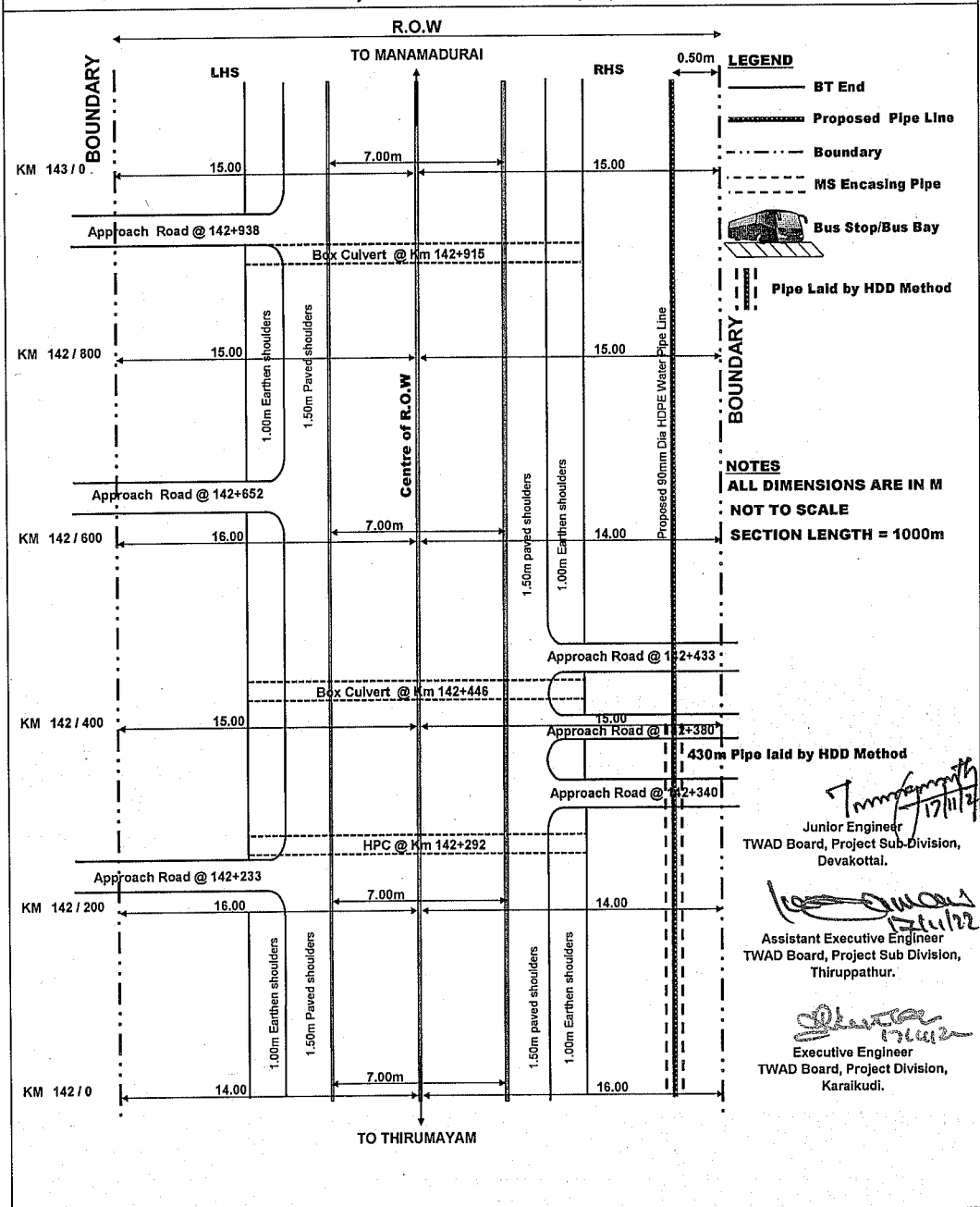


S. Arul Ananth
RESIDENT ENGINEER
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TNJR - PDKT & TRMYM - MNMDR
Road Project NH-36, Pudukkottai.

M. S. Pandian 30/12/22
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Laying of water pipe line Along NH - 226 Thirumayam - Manamadurai (NHAI) from Km - 135 / 000 to Km - 141 / 700 & Km - 141 / 970 to Km - 143 / 630 (RHS) 13.360 Km and Km - 143 / 630 to Km - 145 / 480 (LHS) to total Length of 1.850 Km by Open Trench Method and by HDD Method at Km - 141 / 970 to Km - 142 / 400 (RHS) and 7 Nos of crossing at Km - 138 / 000, Km - 140 / 050, Km - 141 / 700, Km - 141 / 970, Km - 143 / 630, Km - 143 / 900 & Km - 144 / 100 by Trenchless Method on National Highways No.226



Junior Engineer
TWAD Board, Project Sub-Division,
Devakottai.

Assistant Executive Engineer
TWAD Board, Project Sub Division,
Thiruppathur.

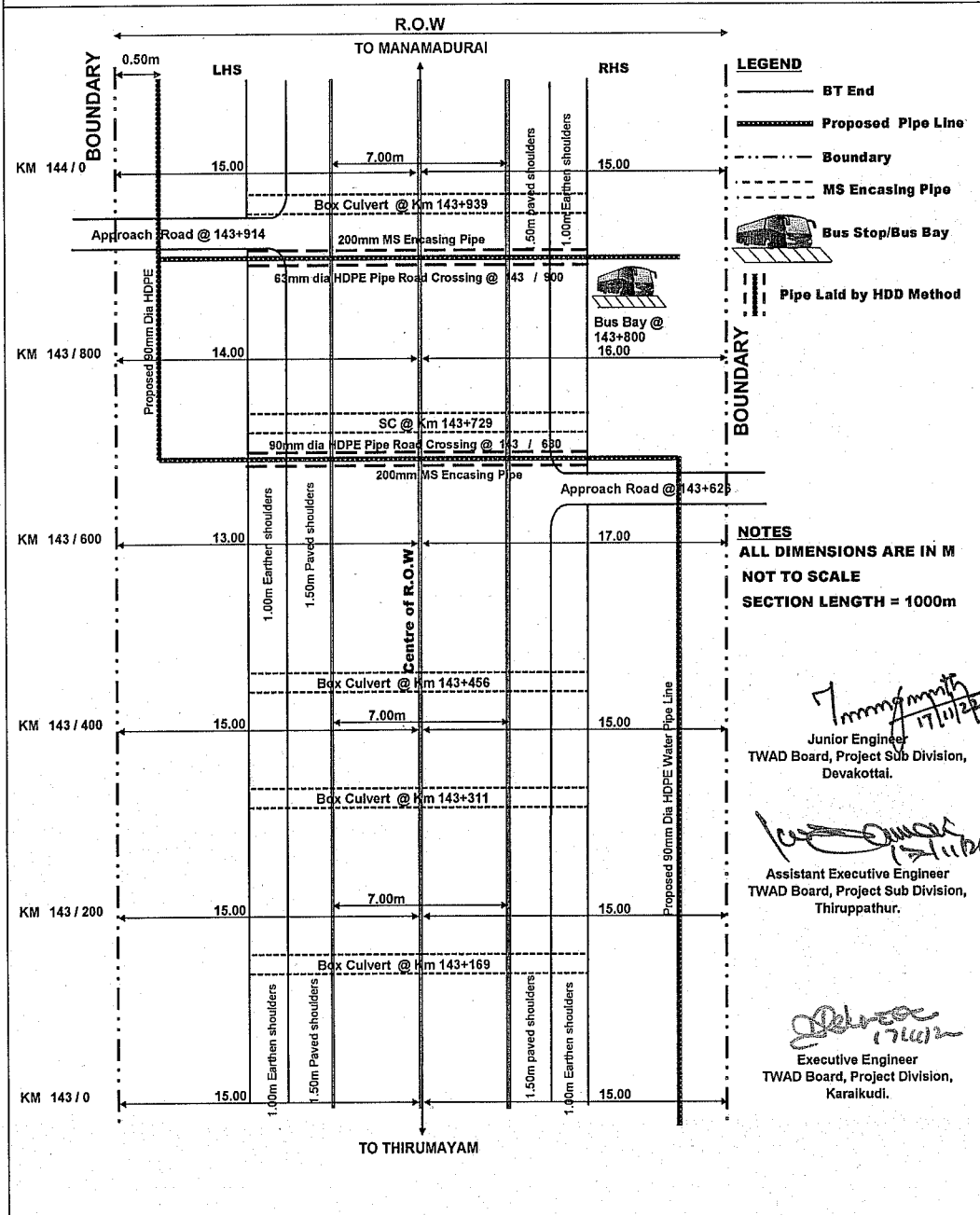
Executive Engineer
TWAD Board, Project Division,
Karaikudi.

RESIDENT ENGINEER CHD
HIGHWAY MAINTENANCE
M/s. Bloom Companies LLC
CPCL & JR Consultancy
TNJR - PDKT & TRMYM - MNMDRI
Road Project NH-36, Pudukkottai

M.S. PANDIAN
Dy.GM(T) / Project Director
National Highways Authority of India
PIU - KARAİKUDI

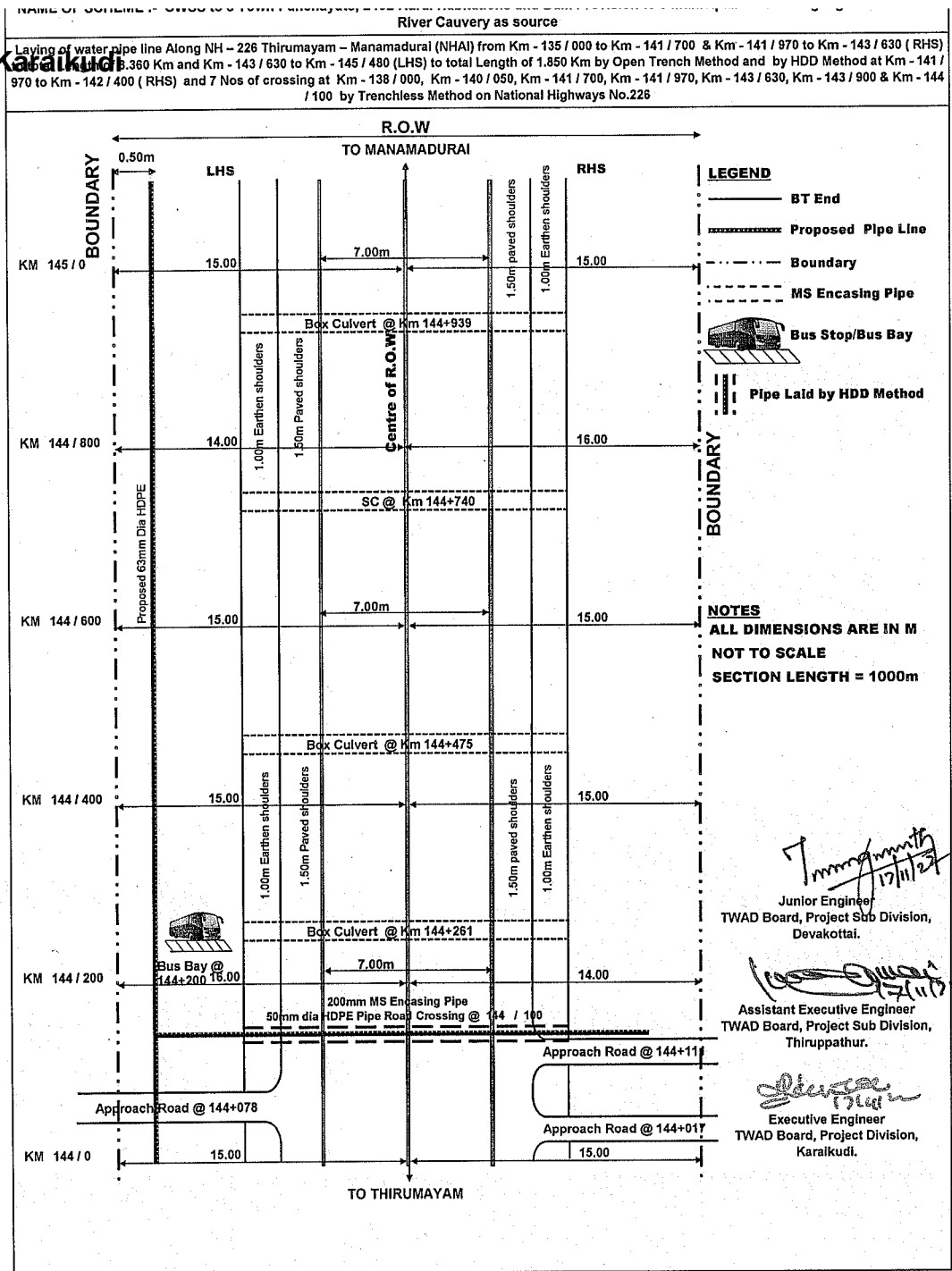
589027/2022/PIU - Karaikudi

Laying of water pipe line Along NH - 226 Thirumayam - Manamadurai (NHAI) from Km - 135 / 000 to Km - 141 / 700 & Km - 141 / 970 to Km - 143 / 630 (RHS) 13.360 Km and Km - 143 / 630 to Km - 145 / 480 (LHS) to total Length of 1.850 Km by Open Trench Method and by HDD Method at Km - 141 / 970 to Km - 142 / 400 (RHS) and 7 Nos of crossing at Km - 138 / 000, Km - 140 / 050, Km - 141 / 700, Km - 141 / 970, Km - 143 / 630, Km - 143 / 900 & Km - 144 / 100 by Trenchless Method on National Highways No.226



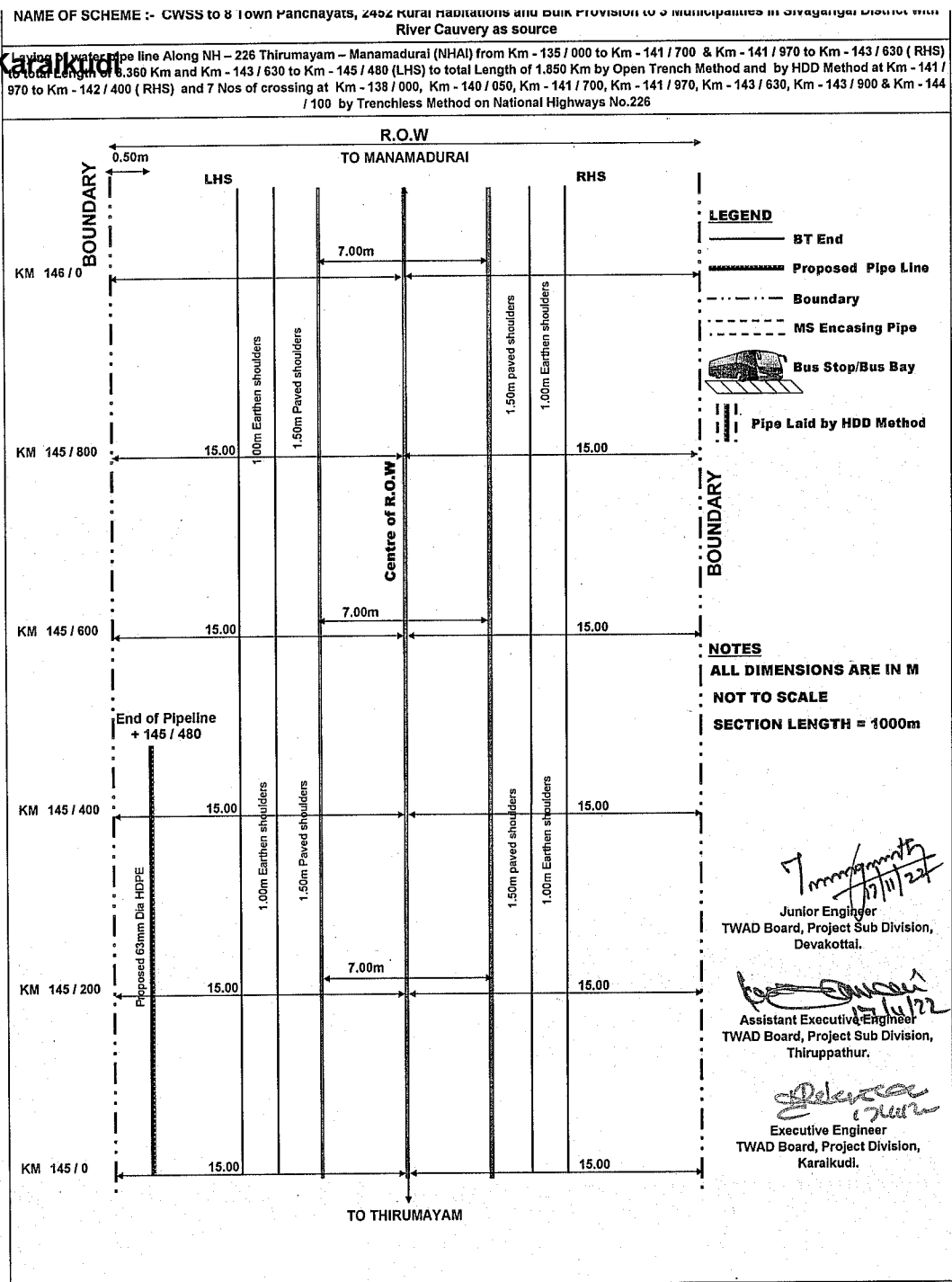
S. Anil Mulhial
RESIDENT ENGINEER C&D
HIGHWAY MAINTENANCE
M/s. Bloom Companies LLC
CPCL & JR Consultancy
TNJR - PDKT & TRMYM - MNMDRI
Road Project NH-36, Pudukkottai.

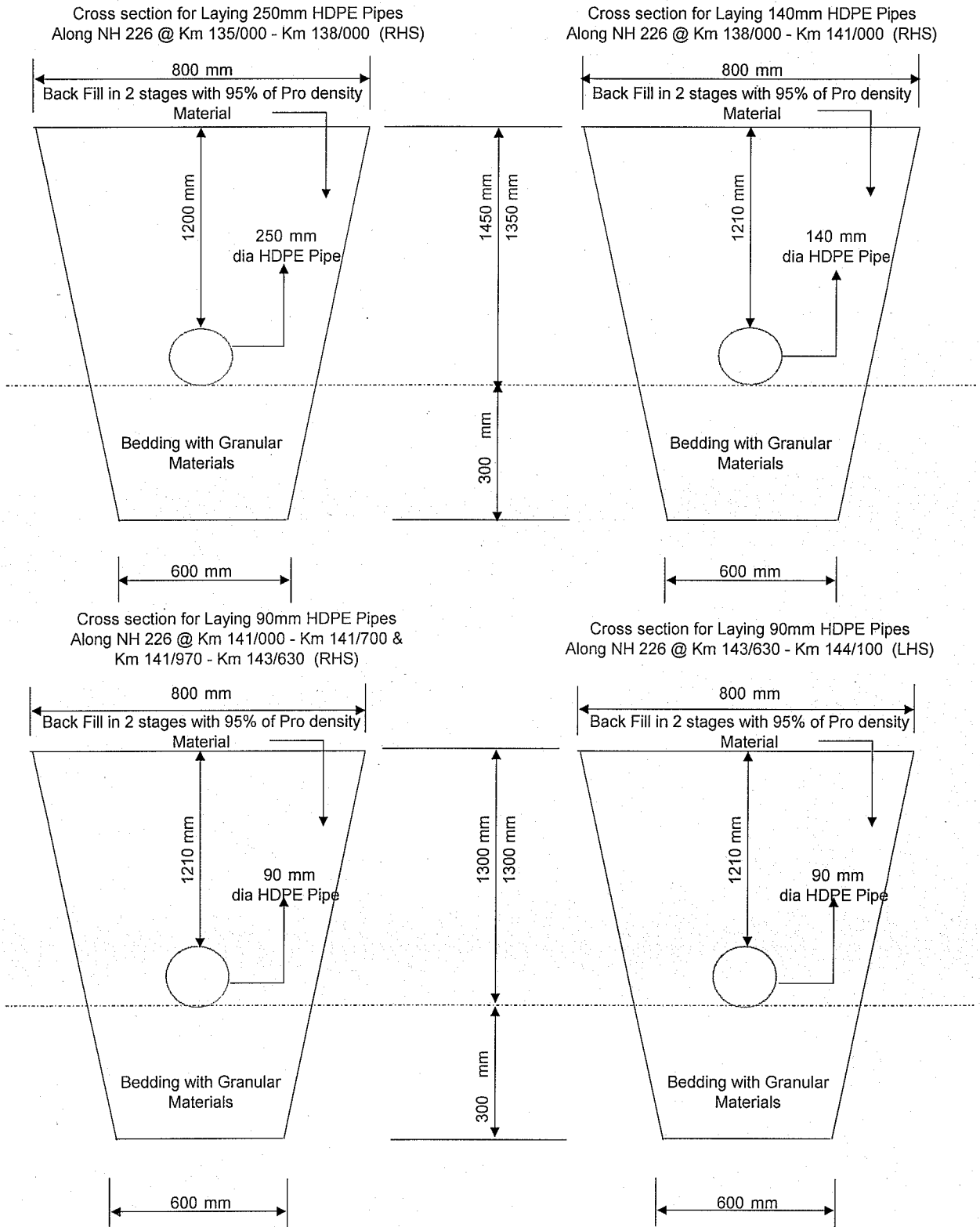
M. S. Pandian
30/12/22
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Dy.GM(T) / Project Director
National Highways Authority of India
PIU - KARAUKUDI



S. Arun Mahalingam
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[Signature]
Junior Engineer
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Assistant Executive Engineer
TWAD, Project Sub Division,
Thiruppathur

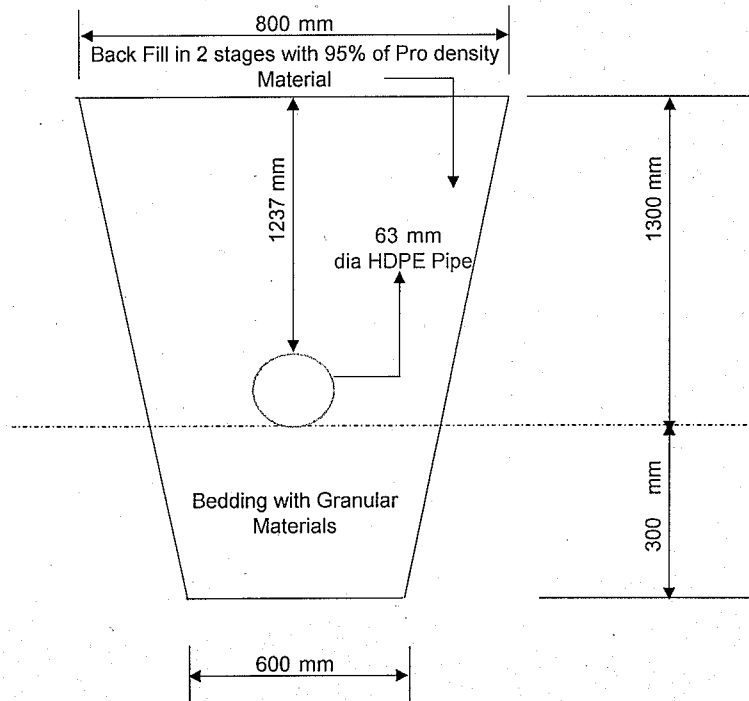
[Signature]
Executive Engineer
TWAD, Project Division
Karaikudi

[Signature]
RESIDENT ENGINEER C&D
HIGHWAY MAINTENANCE
M/s. Bloom Companies LLC
CPCL & JR Consultancy
T.N.J.R. - P.O.K.T. & T.R.M.Y.M. - M.N.M.D.R.U.
Road Project SH-35, Pudukkottai.

[Signature] 30/12/22
M.S. PANDIAN
Dy.GM(T) / Project Director
National Highways Authority of India
PIU - KARAUKUDI

589027/2022/PIU - Karaikudi

Cross section for Laying 63mm HDPE Pipes
Along NH 226 @ Km 144/100 - Km 145/480 (LHS)



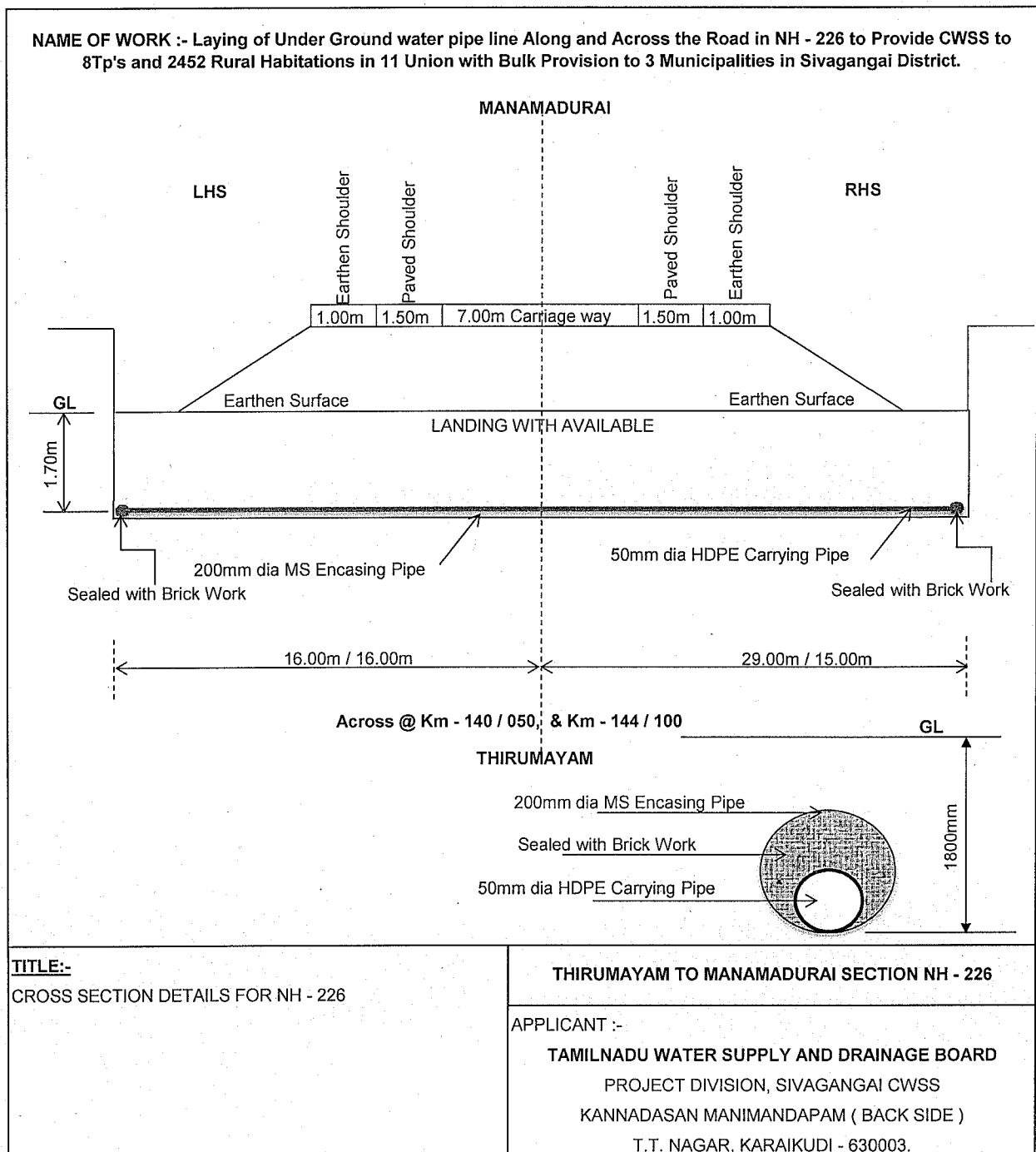
Immanimuth
12/11/22
Junior Engineer
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10/11/22
Assistant Executive Engineer
TWAD, Project Sub Division,
Thiruppathur

Devi
Executive Engineer
TWAD, Project Division
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S. Aral
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HIGHWAY MAINTENANCE
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CPCL & JR Consultancy
TNJR - PDKT & TRMYM - MMMD
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M. S. Pandian
30/12/22
M.S. PANDIAN
Dy. GM(T) / Project Director
National Highways Authority of India
PIU - KARAISKUDI



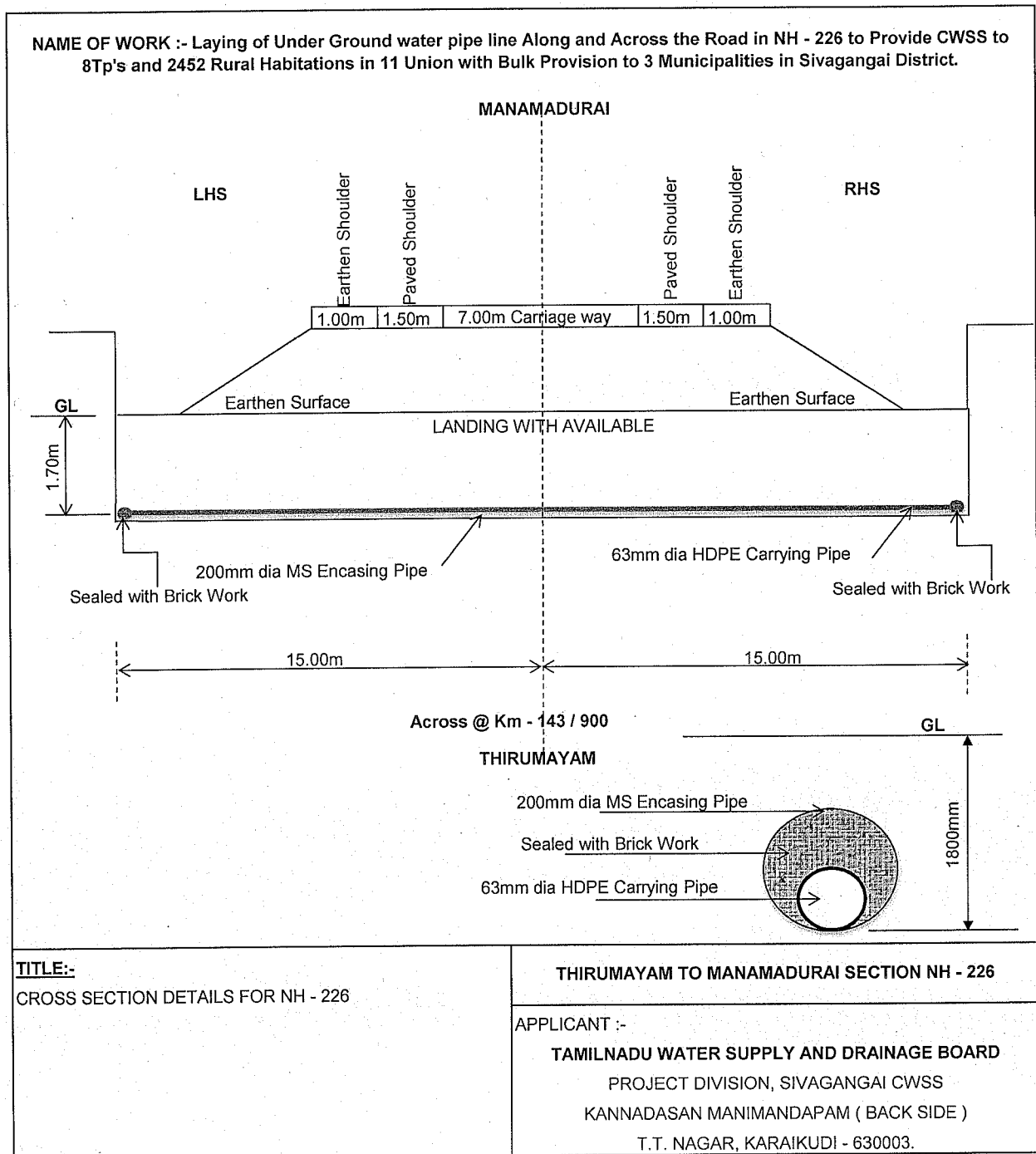
[Signature]
Junior Engineer
TWAD, Project Sub Division,
Devakottai

[Signature]
Assistant Executive Engineer
TWAD, Project Sub Division,
Thiruppathur

[Signature]
Executive Engineer
TWAD, Project Division
Karaikudi

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RESIDENT ENGINEER ~~C&D~~
HIGHWAY MAINTENANCE
M/s. Bloom Concretes LLC
CPCL & JR Consultancy
TNJR - PDKT & TRMYM - MNMDRI
Road Project NH-36, Pudukkottai.

[Signature] 30/12/22
M.S. PANDIAN
Dy.GM(T) / Project Director
National Highways Authority of India
PIU - KARAISKUDI



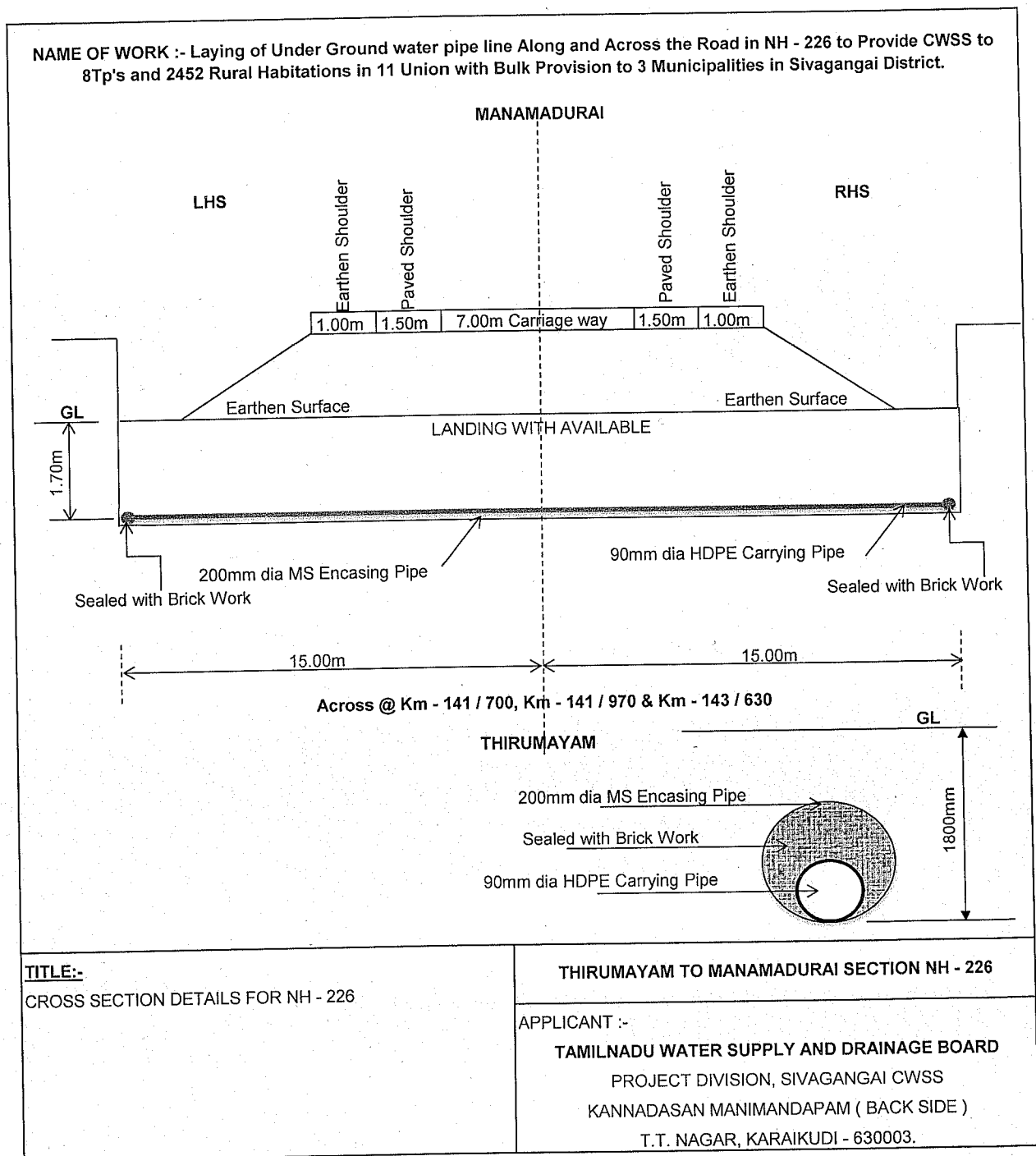
[Signature]
Junior Engineer
TWAD, Project Sub Division,
Devakottai

[Signature]
Assistant Executive Engineer
TWAD, Project Sub Division,
Thiruppathur

[Signature]
Executive Engineer
TWAD, Project Division
Karaikudi

[Signature]
RESIDENT ENGINEER C&S
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TNJR - PDKT & TRMYM - MNMDRI
Road Project NH-36.Pudukkottai.

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Dy.GM(T) / Project Director
National Highways Authority of India
PIU - KARAISKUDI



Immanuel
 Junior Engineer
 TWAD, Project Sub Division,
 Devakottai

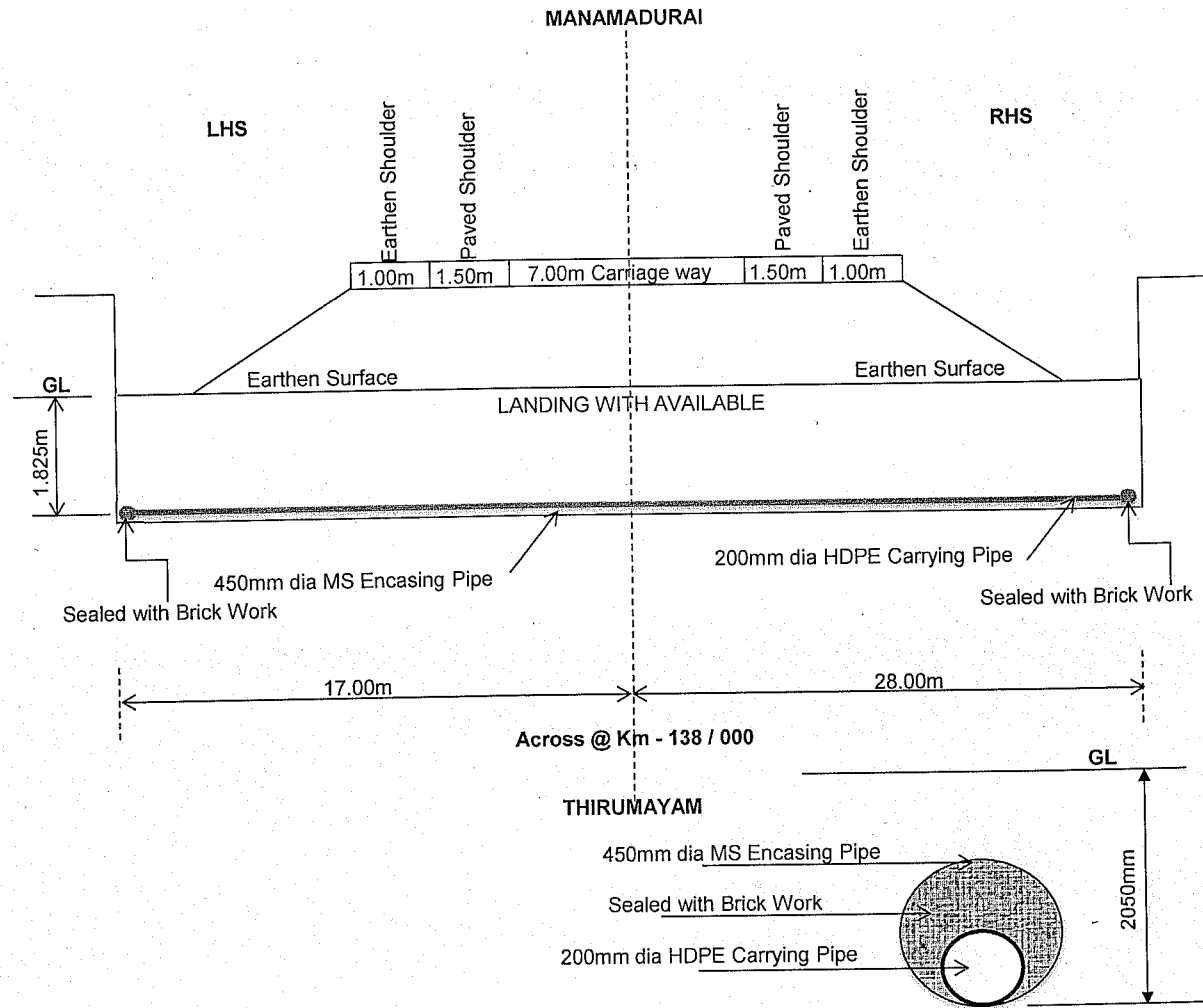
17/11/22
 Assistant Executive Engineer
 TWAD, Project Sub Division,
 Thiruppathur

17/11/22
 Executive Engineer
 TWAD, Project Division
 Karaikudi

17/11/22
RESIDENT ENGINEER Cell
HIGHWAY MAINTENANCE
 M/s. Bloom Companies LLC
 CPCL & JR Consultancy
 TNJR - PDKT & TRMYM - MNMDRI
 Road Project NH-36, Pudukkottai.

30/12/22
M.S. PANDIAN
 Dy.GM(T) / Project Director
 National Highways Authority of India
 PIU - KARAISKUDI

NAME OF WORK :- Laying of Under Ground water pipe line Along and Across the Road in NH - 226 to Provide CWSS to 8Tp's and 2452 Rural Habitations in 11 Union with Bulk Provision to 3 Municipalities in Sivagangai District.



TITLE:-

CROSS SECTION DETAILS FOR NH - 226

THIRUMAYAM TO MANAMADURAI SECTION NH - 226

APPLICANT :-

TAMILNADU WATER SUPPLY AND DRAINAGE BOARD

PROJECT DIVISION, SIVAGANGAI CWSS

KANNADASAN MANIMANDAPAM (BACK SIDE)

T.T. NAGAR, KARAISKUDI - 630003.

Junior Engineer
Junior Engineer
TWAD, Project Sub Division,
Devakottai

Assistant Executive Engineer
Assistant Executive Engineer
TWAD, Project Sub Division,
Thiruppathur

Executive Engineer
Executive Engineer
TWAD, Project Division
Karaikudi

Resident Engineer
RESIDENT ENGINEER
HIGHWAY MAINTENANCE
M/s. Bloom Companies LLC
CPCL & JR Consultancy
TNR - PDKT & TRMYM - MNMDRI
Road Project NH-36, Pudukkottai.

M.S. Pandian
30/10/22
M.S. PANDIAN
Dy.GM(T) / Project Director
National Highways Authority of India
PIU - KARAISKUDI



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण National Highways Authority of India

(Ministry of Road Transport and Highways, Government of India)

उप महाप्रबंधक (तकनीकी) सह परियोजना निदेशक के कार्यालय

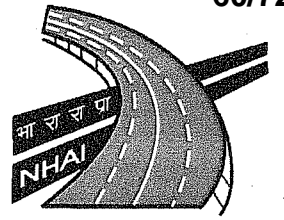
परियोजना कार्यान्वयन इकाई

Office of the Deputy General Manager (Tech) & Project Director
Project Implementation Unit

नंबर 1, 2nd फ्लोर, सुब्रमण्यपुरम 3rd स्ट्रीट, करैकुडि 630002, तमिलनाडु

No: 1, 2nd Floor, Subramaniapuram 3rd Street, Karaikudi - 630 002, Tamilnadu.

टेली फैक्स / Tele : +91-4565-230707 वेबसाइट / Website: <http://www.nhai.gov.in> E-mail: karaikudipiu@gmail.com, karaikudi@nhai.org



E-184508

June 15, 2023

NHAI/PIU/Karaikudi/11034/TM/TWAD/2023/ 831.

To

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

Sir,

Sub: NHAI - PIU, Karaikudi - Laying of water supply pipeline of size various Dia HDPE pipeline along the road from Km.135/000 to Km.141/700 & Km.141/970 to Km.143/630 (RHS) for a length of 8.360Kms and from Km.143/630 to Km.145/480 (LHS) for a length of 1.850Kms by Open Trench Method and by HDD Method from Km.141/970 to Km.142/400 (RHS) and across the road in 7 locations at Km.138/000; Km.140/050; Km.141/700; Km.141/970; Km.143/630; Km.143/900 & Km.144/100 by Trenchless Method on Thirumayam - Manamadurai section of NH 226 - Proposal submitted for approval - Returned - Submission of proposal through Online Portal - Reg.

- Ref: 1. TWAD, Karaikudi Lr.No.TWAD/Project/F.Sivagangai CWSS/Package II/NHAI-I/2022, dt:17.11.2022.
2. This Office Lr.No.NHAI/PIU/Karaikudi/11034/TM/TWAD/2022/2435, dt:30.12.2022.
3. NHAI, RO, Madurai in Computer No.184508 Note No. # 4, dated:20.02.2023.
4. EE, TWAD, Project, Karaikudi Lr.No.F.SivagangaiCWSS/Package II/NHAI-1/DO/2023, dt:18.05.2023.

It is to submit that the Executive Engineer, TWAD, Project Division, Karaikudi vide reference 1st cited has submitted the proposal seeking permission for laying of water supply with various Dia HDPE pipeline along the road from Km.129/580 to Km.131/800; Km.134/450 to Km.141/600 & Km.141/970 to Km.143/900 (RHS) for a length of 11.300Kms and from Km.129/500 to Km.134/450 & Km.143/630 to Km.145/000 (LHS) for a length of 6.320Km by open Trench method & across the road in 7 locations at Km.129/250, Km.131/600; Km.134/450; Km.138/000; Km.140/050; Km.141/600; Km.141/970 & Km.143/630 by Trenchless Method on Thirumayam - Manamadurai section of NH 226. After scrutinizing the proposal and recommendation of Supervision Consultant this office vide reference 2nd cited had recommended the proposal to the Competent Authority for approval.

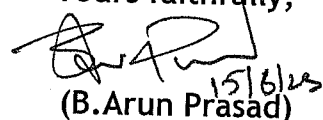
2. In this connection, the Regional Office, Madurai vide reference 3rd cited has instructed to submit the access / utility permission proposal only through online "morthnoc.nic.in" portal as per the MoRT&H Circular dated:13.05.2022.

3. Accordingly the applicant i.e., the Executive Engineer, TWAD, Project Division, Karaikudi vide reference 4th cited has informed that the subject proposal was uploaded through online MoRT&H NOC Portal vide application reference number 20230518/1/7/18771/2795, dated:18.05.2023 and submitted the hard copy of the proposal duly incorporating the cross section drawings for laying of water supply along the NH road & across the road in-accordance with MoRT&H norms.

4. The proposal vide online reference number 20230518/1/7/18771/2795, dated:18.05.2023 has been recommended to the Regional Office, Madurai by this office on 15.06.2023 through online portal for further processing. Further the hard copy of the cross section drawings for the subject proposal duly signed by the undersigned is attached herewith for further processing.

Encl: As above.

Yours faithfully,


(B. Arun Prasad) 15/6/23

DGM(T) & Project Director
NHAI, PIU, Karaikudi

Copy to: The Executive Engineer, TWAD, Project Division, Karaikudi for information.

709733/2023/PIU - Karaikudi

TAMILNADU WATER SUPPLY AND DRAINAGE BOARD**From**

Er.S.Nirmala, B.E.,
Executive Engineer (a/c),
TWAD Board, Project Division,
Karaikudi.

To

The Deputy General Manager (T) Cum Project
Director,
National Highways Authority of India
Project Implementation Unit,
Karaikudi.

Lr. No. F. Sivagangai CWSS / Package II/ NHAI-1 /DO / 2023 Dated: 18.05.2023

Sir,

Sub: Laying of TWAD Water pipe line of size pipe line Along NH – 226 Thirumayam – Manamadurai (NHAI) Km – 135/000 to km 141/700 & km 141/970 to km 143/630 (RHS) for a length of 8.360kms and from km143/630 to km 145/480 (LHS) for a length of 1.850kms by open trench method in locations at km 138/000; km 140/050; km 141/700; km 141/970; km 143/630; k 143/900 & km 144/100 by trenchless method on National Highways No.226 – Remarks attended & Resubmitted – Approval requested – Reg..

PIU - KARAIKUDI	
DATE :	18/05/2023
DIARY No :	1212
PD	<input checked="" type="checkbox"/>
MGR (TECH)	<input checked="" type="checkbox"/>
Dy.MGR (TECH)	<input checked="" type="checkbox"/>
ACCT.	<input type="checkbox"/>
LAO	<input type="checkbox"/>
SECTION	<input type="checkbox"/>

Ref: 1. Work order No.Lr.No. Sivagangai CWSS-Pack-II/DO/CW/2021-1/Dt.01.02.2021
2. G.O. (D) No.46 / MA & WS (WS2) Department/Dated.07.04.2020 for RS.1752.73 Crores.
3. The Project Director, NHAI, Karaikudi, Lr.No. NHAI / PIU / Karaikudi / 11034/ TM/TWAD/2022/882. Dt. 19.05.2022
4. The Project Director, NHAI, Karaikudi, Lr.No. NHAI / PIU / Karaikudi / 11034/ TM/TWAD/2022/1780. Dt. 22.09.2022
5. DGM Cum PD, NHAI, PIU, Karaikudi Lr No NHAI/ PIU/ Karaikudi/ 11034/ TM/TWAD/ 2023/284 Dated 28.02.2023

I wish to state that, it is informed in P.D office, Karaikudi, ^{was} ~~it has been instructed~~ to apply the permission proposal for laying of water supply pipeline Along NH – 226 Thirumayam – Manamadurai (NHAI) Km – 135/000 to km 141/700 & km 141/970 to km 143/630 (RHS) for a length of 8.360kms and from km143/630 to km 145/480 (LHS) for a length of 1.850kms by open trench method in locations at km 138/000; km 140/050; km 141/700; km 141/970; km 143/630; k 143/900 & km 144/100 through online mode in <http://morthnoc.nic.in/>

In this regard, The Proposal is uploaded online and the copy of the same is enclosed herewith.

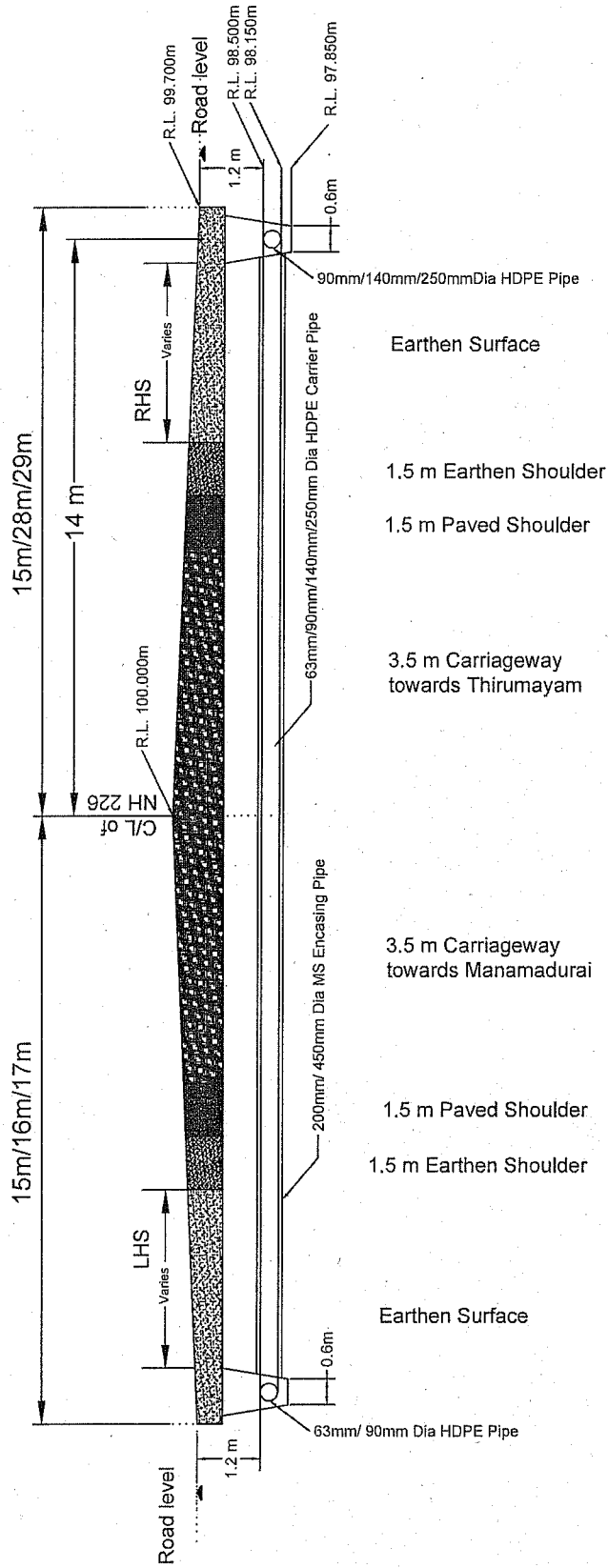
Hence, it is requested to issue necessary permission for laying of water supply pipeline, so as to put up the water supply scheme to public use at the earliest.

I expect your kind co-operation

S. Nirmala
18/05/2023
Executive Engineer,
TWAD Board, Project Division,
Karaikudi

Enclosed: Copy of Online Proposal

CROSS SECTION DETAILS OF NH 226



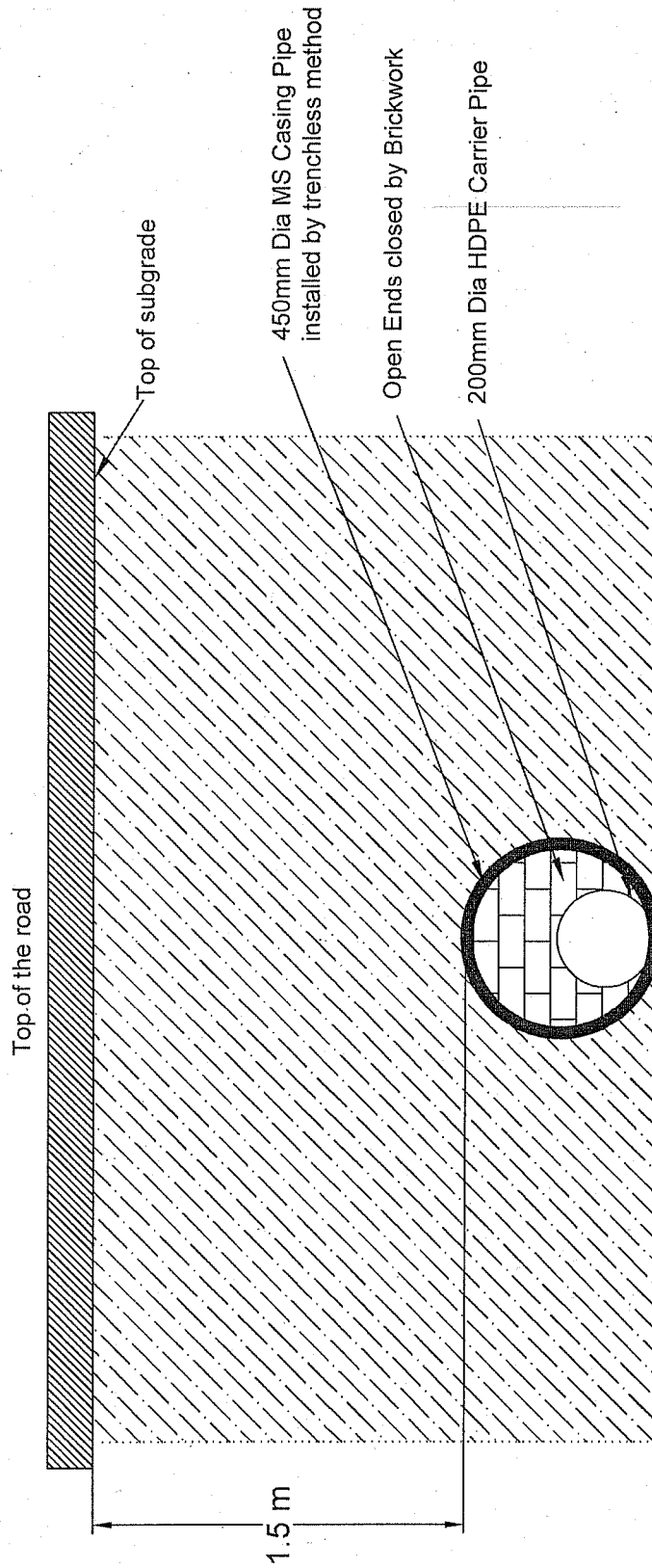
Applicant *S. Nimal*
Executive Engineer
TWAD Board, Project Division
Karaikudi

18/5/23
Assistant Executive Engineer,
TWAD Board, Project Sub-Division,
Thiruppathur.

18/5/23
18/5/23

B. Arun Prasad
B. ARUN PRASAD
DGM(T) & Project Director
National Highways Authority of India
PIU - KARAUKUDI

THIRUMAYAM - MANAMADURAI SECTION OF NH 226



Installation of Casing Pipe for Crossing the road
At Km 138-000

Applicant

S. Nirmal
Executive Engineer
TWAD Board, Project Division
Karaikudi

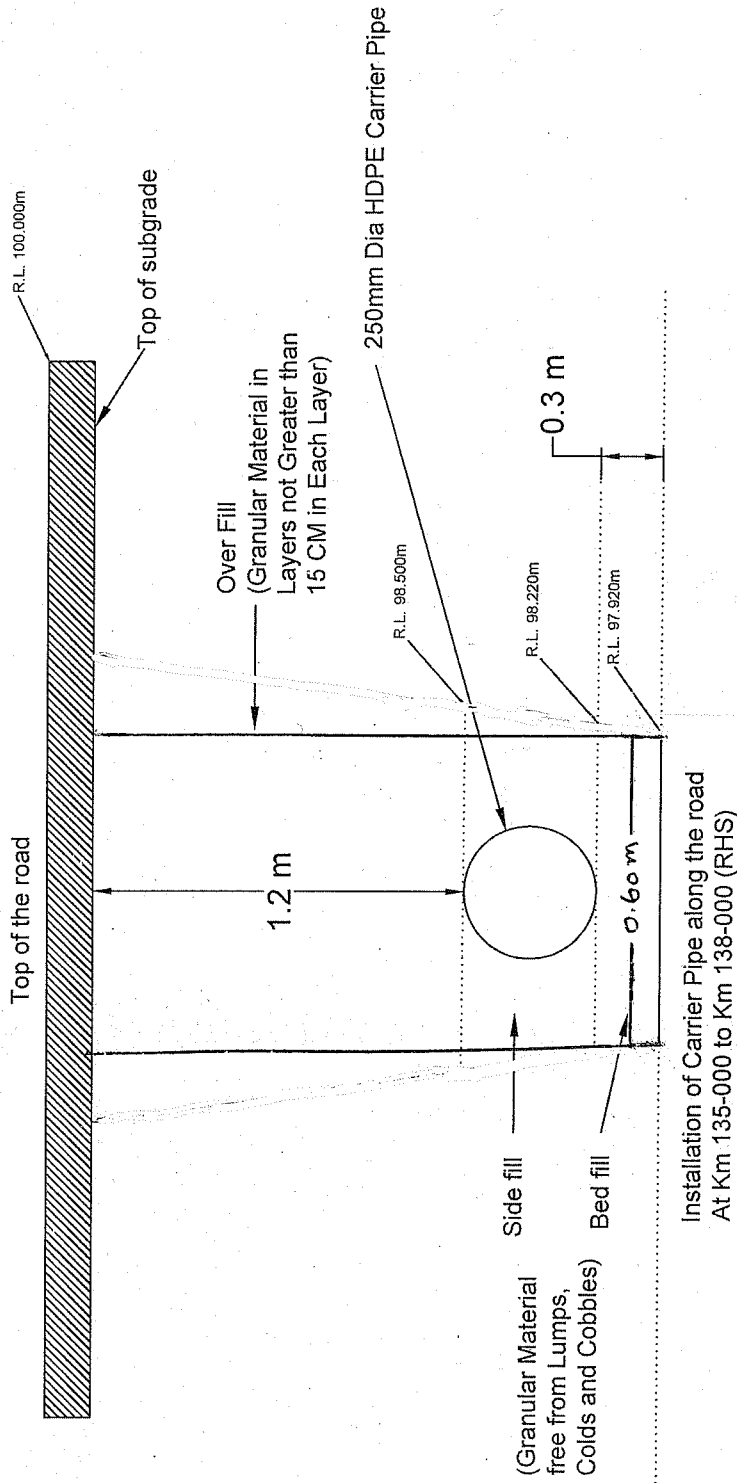
18/5/23
Assistant Executive Engineer,
TWAD Board, Project Sub Division,
Thiruppathur.

18/5/23
18/5/23

18/5/23

B. ARUN PRASAD
DGM(T) & Project Director
National Highways Authority of India
PIU - KARAIKUDI

THIRUMAYAM - MANAMADURAI SECTION OF NH 226



Applicant

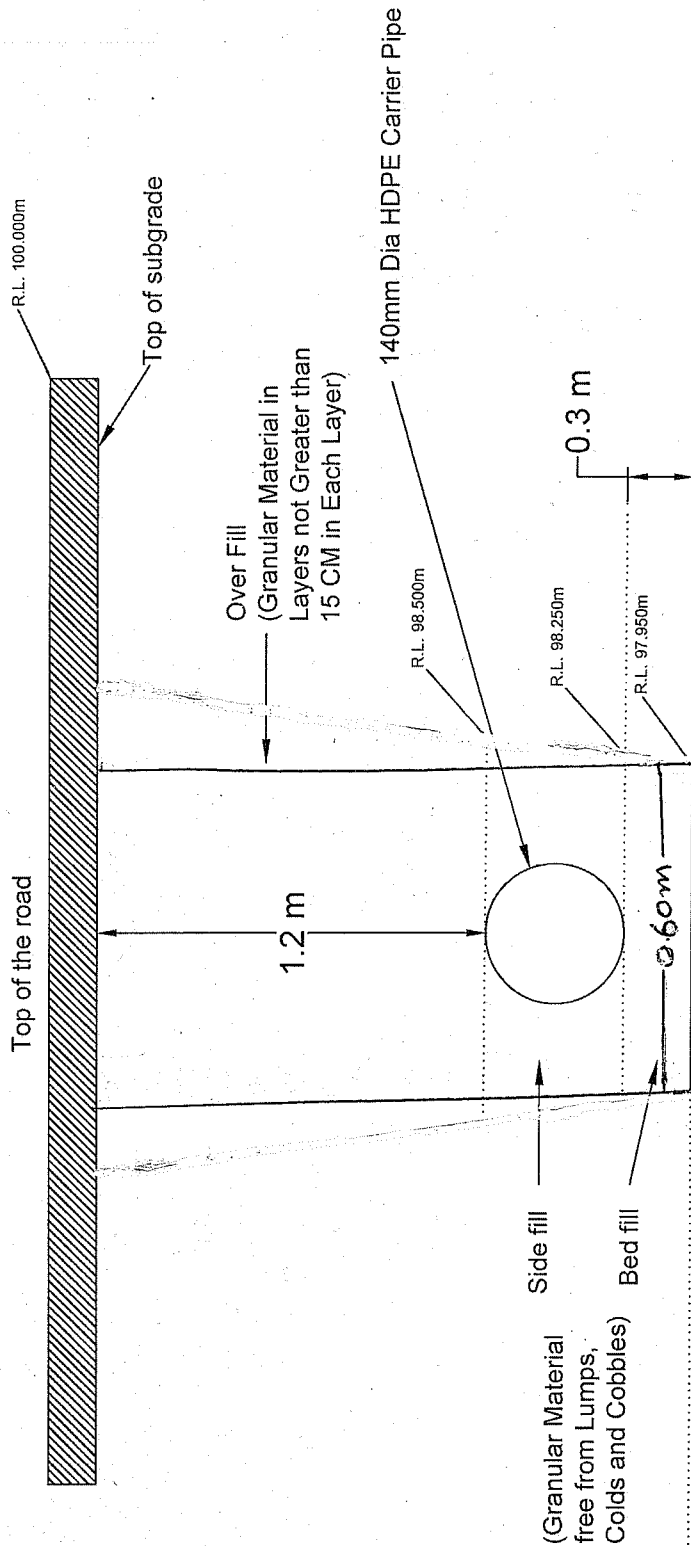
S. Arun Prasad
Executive Engineer
TWAD Board, Project Division
Karaikudi

18/05/23
Assistant Executive Engineer,
TWAD Board, Project Sub Division,
Thiruppathur.

18/05/23
18/05/23

B. Arun Prasad
B. ARUN PRASAD
DGM(T) & Project Director
National Highways Authority of India
PIU - KARAISKUDI

THIRUMAYAM - MANAMADURAI SECTION OF NH 226



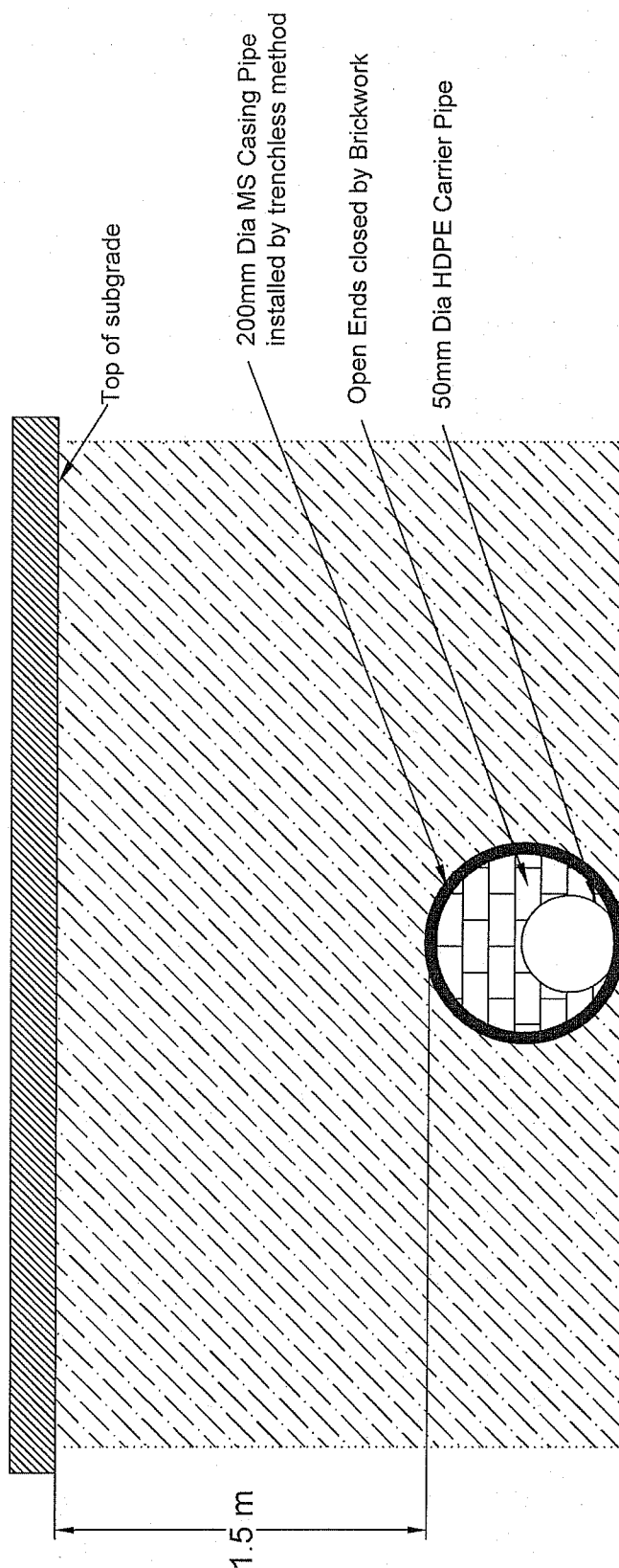
Applicant

S. Nirmal
Executive Engineer
TWAD Board, Project Division
Karaikudi

16/05/2023
Assistant Executive Engineer,
TWAD Board, Project Sub-Division,
Thirupathur.

18/5/23
B. ARUN PRASAD
DGM(1) & Project Director
National Highways Authority of India
PIU - KARAIKUDI

Top of the road



Installation of Casing Pipe for Crossing the road At Km 140-050 & Km 144-100

Applicant

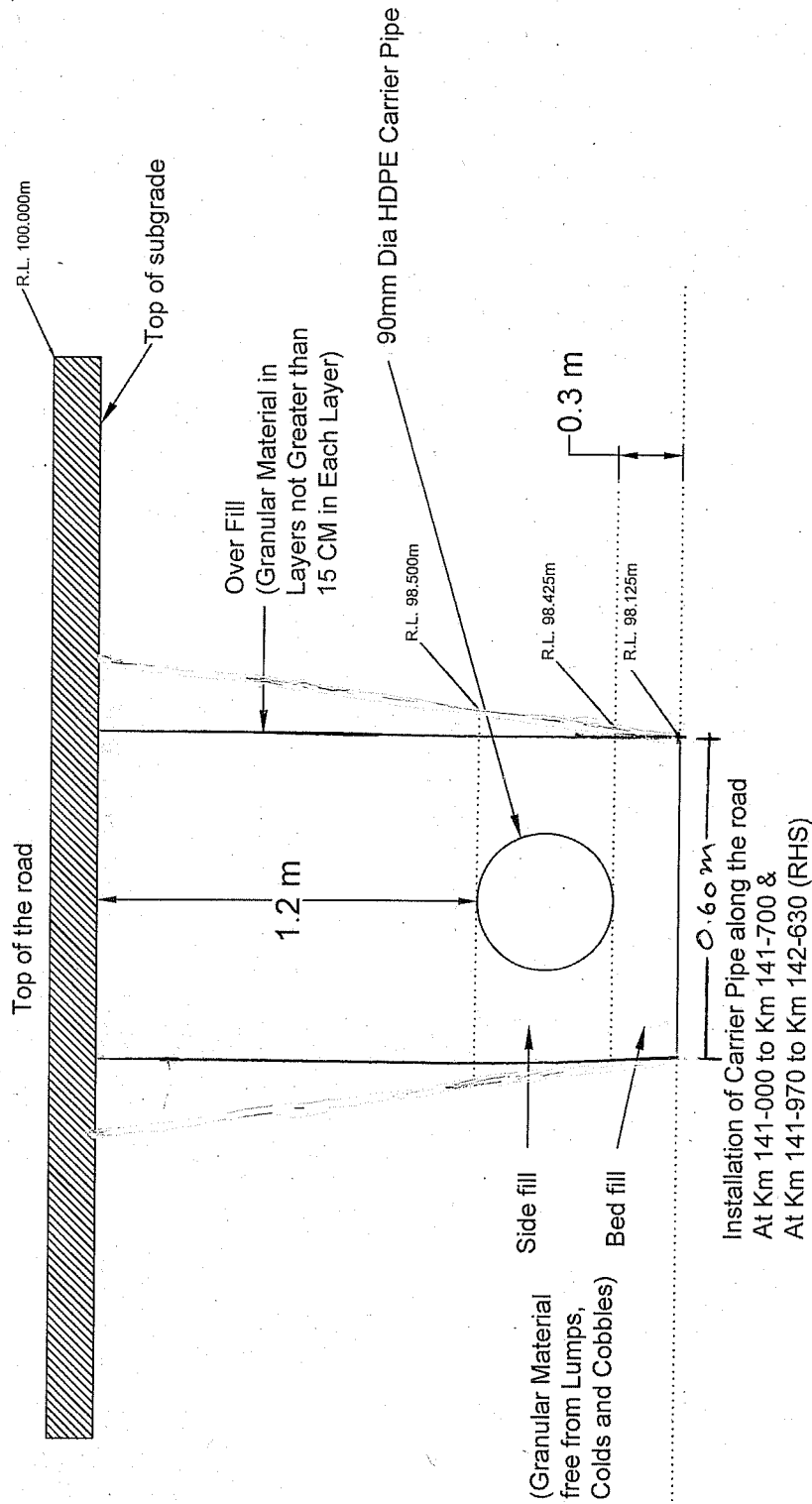
S. Niveditha
Executive Engineer
18/05/2023
Karaikudi
TAWAD Board, Project Division

1815123
Assistant Executive Engineer,
T.W.A.D Board, Project Sub Division,
Thirupathur.

[Signature]
18/5/23
T.E./P.S/DAC

B. ARUN PRASAD
DGM(T) & Project Director
National Highways Authority of India
PIU - KARAIKUDI

THIRUMAYAM - MANAMADURAI SECTION OF NH 226



Applicant

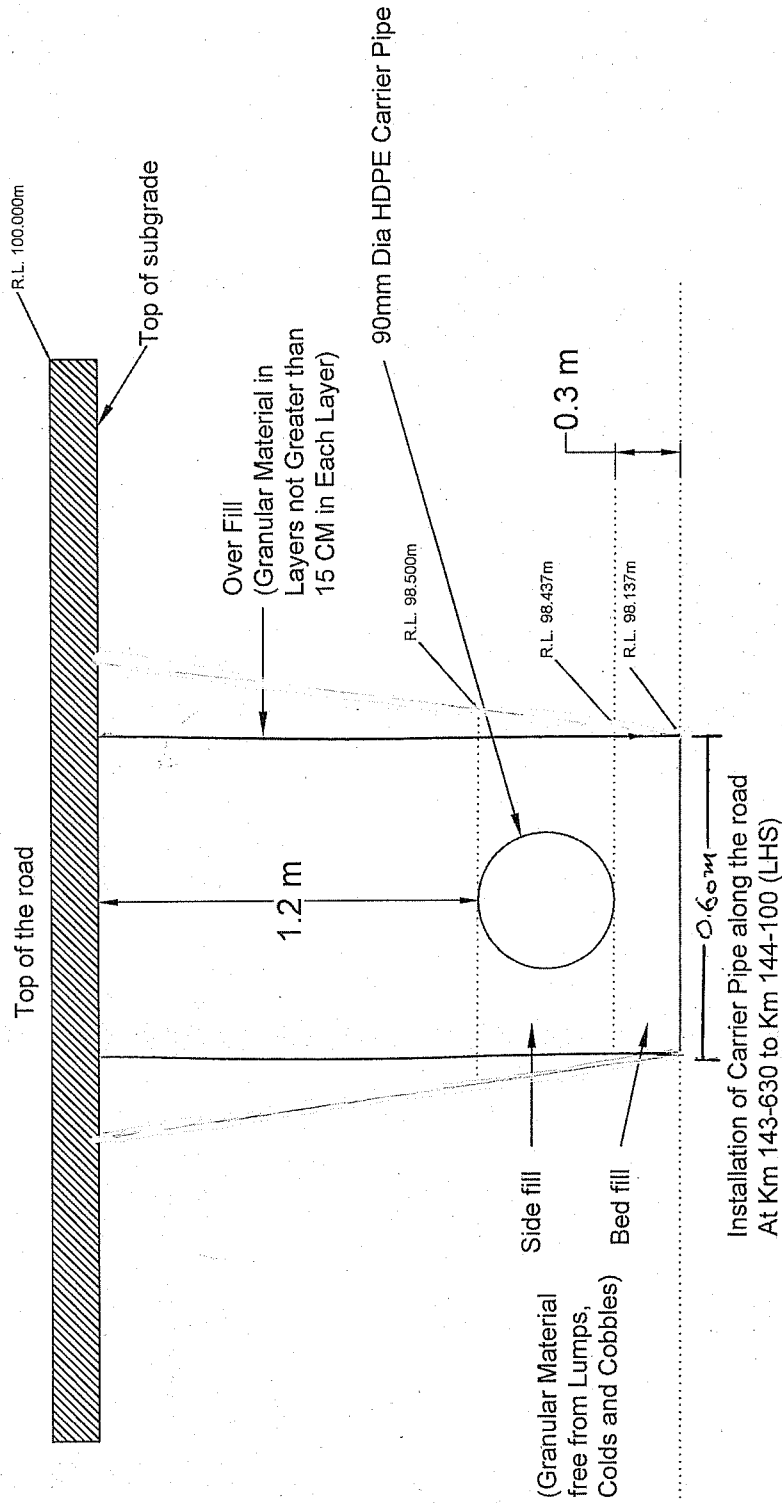
S. Nimal
Executive Engineer
TWAD Board, Project Division
Karaikudi

V. S. S. S. S.
Assistant Executive Engineer,
TWAD Board, Project Sub Division,
Thiruppathur.

T. S. S. S. S.
18/5/23
18/5/23

B. ARUN PRASAD
DGM(T) & Project Director
National Highways Authority of India
PIU - KARAIKUDI

THIRUMAYAM - MANAMADURAI SECTION OF NH 226



Applicant

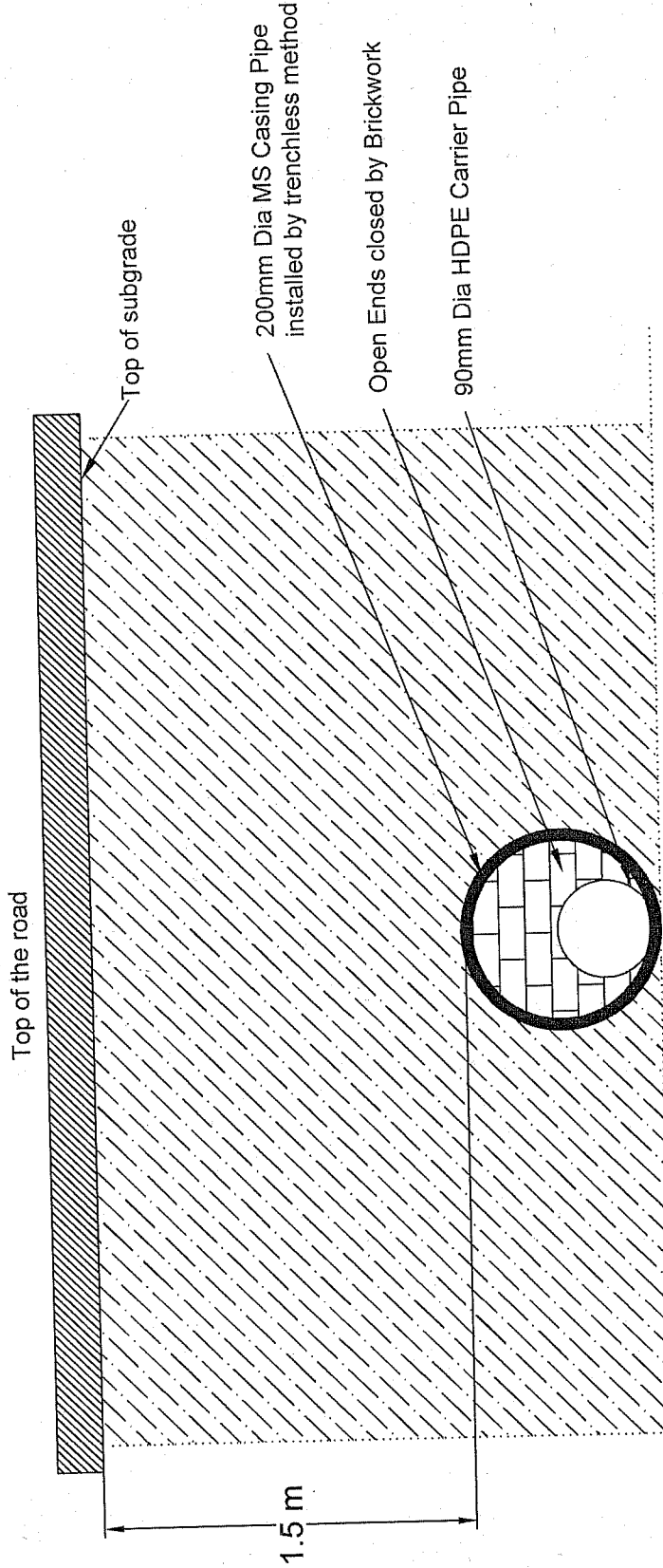
S. Arun Prasad
Executive Engineer
18/05/2023
TWAD Board, Project Division
Karaikudi

18/05/23
Assistant Executive Engineer,
TWAD Board, Project Sub-Division,
Thiruppathur.

18/05/23
18/05/23
18/05/23

B. ARUN PRASAD
DCM(T) & Project Director
National Highways Authority of India
PIU - KARAİKUDI

THIRUMAYAM - MANAMADURAI SECTION OF NH 226



Installation of Casing Pipe for Crossing the road
At Km 141-700, Km 141-970 & Km 143-630

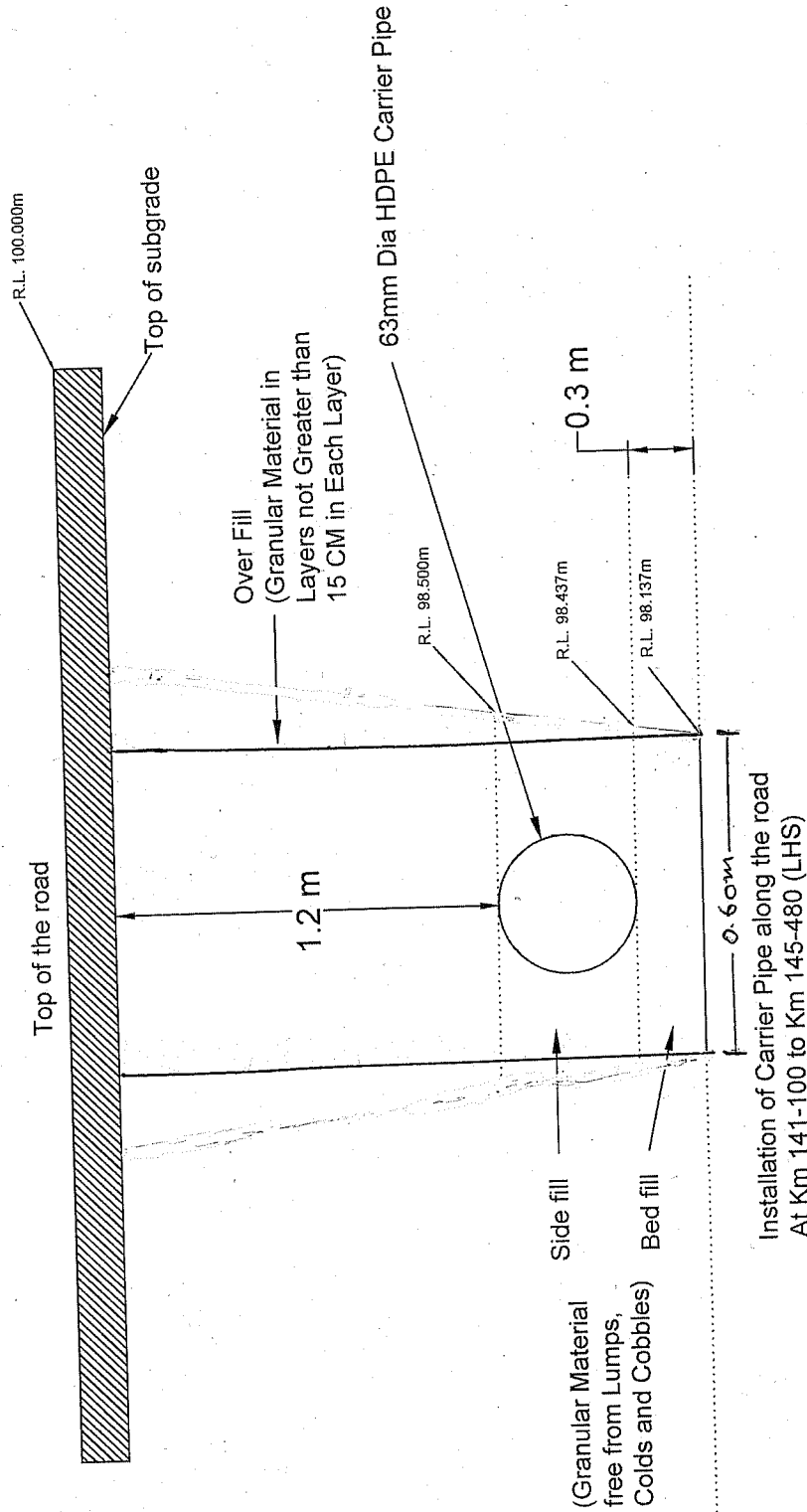
Applicant

S. Arun Prasad
Executive Engineer
TWAD Board, Project Division
Karaikudi

Assistant Executive Engineer,
TWAD Board, Project Sub Division,
Thiruppathur.

B. Arun Prasad
DGM(T) & Project Director
National Highways Authority of India
PIU - KARAIKUDI

THIRUMAYAM - MANAMADURAI SECTION OF NH 226



Applicant

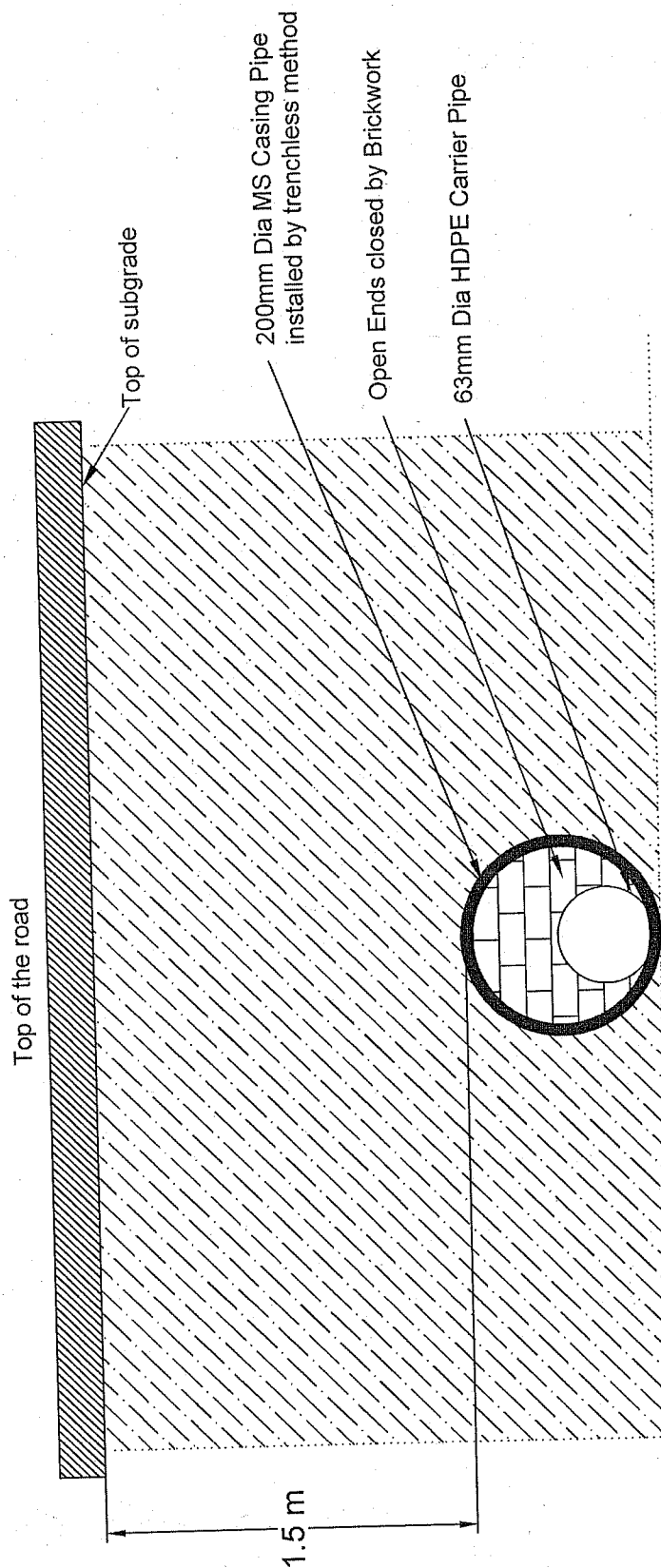
S. Nirmal
Executive Engineer
TWAD Board, Project Division
Karaikudi

V. S. Dinesh
Assistant Executive Engineer,
TWAD Board, Project Sub Division,
Thiruppathur.

T. Manoj Kumar
18/5/23
18/5/23

B. ARUN PRASAD
DGM(T) & Project Director
National Highways Authority of India
PIU - KARAİKUDI

THIRUMAYAM - MANAMADURAI SECTION OF NH 226



Installation of Casing Pipe for Crossing the road
At Km 143-900

Applicant

S. Nirmal
Executive Engineer
TWAD Board, Project Division
Karaikudi

V. S. Srinivasan
Assistant Executive Engineer,
TWAD Board, Project Sub Division,
Thiruppathur.

T. S. Srinivasan
18/5/23
20/5/23

B. ARUN PRASAD
DGM(T) & Project Director
National Highways Authority of India
PIU - KARAISKUDI