



**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- 625 107  
2<sup>nd</sup> & 3<sup>rd</sup> Floor, Vijay Krishna Plaza, No.1, Lake Area, Melur Main Road, Mattuthavani, Madurai-625 107  
दूरभाष / Tele : +91-452-258 8999 वेब / Website : [www.nhai.gov.in](http://www.nhai.gov.in) ई-मेल / E-mail : [romadurai@nhai.org](mailto:romadurai@nhai.org)



NHAI/15018/4.4/02/2023/RO Madurai/E:213209/ 1401

08<sup>th</sup> August, 2023

**INVITATION OF PUBLIC COMMENTS**

**विषय: भाराराप्रा - क्षे.का. मदुरै- पकाई, थंजावुर - UGSS - Tiruchirappalli City Corporation Phase-III - Zone-5 Request for Permission to lay underground Sewer Pipeline along the road from Km 128.540 to Km 129.040 (LHS), from Km 129.280 to Km 129.320 (LHS), from Km 129.320 to Km 129.490(LHS), from Km 129.460 to Km 129.670(RHS), from Km 130.010 to 130.080 (LHS) & from Km 130.140 to Km 130.970(LHS) and across at Km 128.900 & 129.640 in the road stretch of Thanjavur - Trichy section of NH-67 -Invitation of Public Comments - Reg.**

**प्रसंग: PD, Thanjavur Lr.No-NHAI/PIU/Thanj/11021/105/2020/2006 dated 13.07.2023 .**

The proposal received from PD, Thanjavur vide Lr. No- NHAI/PIU/Thanj/11021 /105/2020/2006 dated 13.07.2023 there by requesting permission for laying of sewer pipe line along the road from Km 128.540 to Km 129.040 (LHS), from Km 129.280 to Km 129.320 (LHS), from Km 129.320 to Km 129.490(LHS), from Km 129.460 to Km 129.670(RHS), from Km 130.010 to 130.080 (LHS) & from Km 130.140 to Km 130.970(LHS) and across at Km 128.900 & 129.640 by open trench & HDD method on Thanjavur - Trichy section of NH-67 as per proposal submitted by Commissioner, Tiruchirappalli City Corporation.

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

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

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

*महेन्द्र मीना*  
08/08/23

महेन्द्र मीना | MAHENDRA MEENA  
उप प्रबंधक (तक) | DY. MGR (Tech)

**संलग्न: As above**

**प्रतिलिपि:**

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



# भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)

## National Highways Authority of India

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

Office of the Project Director, Project Implementation Unit,

No. 54, Natarajapuram North Colony,

Medical College Road, Thanjavur - 613 004, Tamilnadu.

टेलीफोन / Telephone : 04362 - 246473, 241777

ई-मेल / E-mail : tanjavor@nhai.org, tanjavor\_nhai@yahoo.co.in

वेब / Web : www.nhai.gov.in



No.NHAI/PIU/Thanj/11021/105/2020 / 2006

Dated: 13.07.2023

To

The Chief General Manager (Tech) & Regional Officer,  
National Highways Authority of India,  
2<sup>nd</sup> & 3<sup>rd</sup> Floor Vijay Krishna Plaza  
No.1 lake Area,  
Melur main Road, Mattuthavani,  
Madurai - 625 007.

Sub: National Highways Authority of India-PIU-Thanjavur- UGSS - Tiruchirappalli City Corporation Phase-III - Zone-5 Request for Permission to lay underground Sewer Pipeline along the road from Km 128.540 to Km 129.040 (LHS), from Km 129.280 to Km 129.320 (LHS), from Km 129.320 to Km 129.490(LHS), from Km 129.460 to Km 129.670(RHS), from Km 130.010 to 130.080 (LHS) & from Km 130.140 to Km 130.970(LHS) and across at Km 128.900 & 129.640 in the road stretch of Thanjavur - Trichy section of NH-67 - Approval Requested - Reg.

- Ref:
1. The Commissioner, Tiruchirappalli City Corporation Lr.No.ROC.No.4970/2018 E7/(Main) Dated 06.04.2023 (received on 13.04.2023)
  2. MORTH NOC Application Details [20230429/1/9/19292/2708] Dated 02.05.2023
  3. This office Lr.No.NHAI/PIU/Thanj/11021/105/2020/1224 Dated 05.05.2023
  4. M/s.MSV International Inc Trichy Lr.No.MSV/Trichy/NHAI/IE-TL/2022-23/1459 Dated 19.05.2023 (Received on 23.05.2023)
  5. This office Lr.No.NHAI/PIU/Thanj/11021/105/2020/1436 Dated 24.05.2023
  6. The Commissioner, Tiruchirappalli City Corporation Lr.No.ROC.No.4824/2018 E7/(Main) Dated 22.06.2023 (received on 28.06.2023)
  7. MORTH NOC Application Details [20230429/1/9/19292/2708] Dated 27.06.2023
  8. This office Lr.No.NHAI/PIU/Thanj/11021/105/2020/1894 Dated 06.07.2023
  9. M/s.MSV International Inc Trichy Lr.No.MSV/Trichy/NHAI/IE-TL/2022-23/1565 Dated 08.07.2023 (Received on 10.07.2023)

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Sir,

The Commissioner, Tiruchirappalli City Corporation vide reference 1<sup>st</sup> & 2<sup>nd</sup> cited has submitted proposals for laying underground Sewer Pipeline along the road from Km 128.450 to Km 129.040 (LHS), from Km 129.280 to Km 129.320 (LHS), from Km 129.320 to Km 129.490(LHS), from Km 129.460 to Km 129.670(RHS), from Km 130.010 to 130.080 (LHS) & from Km 130.140 to Km 130.970(LHS) and across at Km 128.900 & 129.640 in the road stretch of Thanjavur - Trichy section of NH-67.

*mt*

## National Highways Authority of India

2. Vide reference 3<sup>rd</sup> cited, Independent Engineer has been requested to inspect the site and report on the submitted proposal.
3. Further, Independent Engineer vide reference 4<sup>th</sup> cited has made certain observations and same was forwarded to Commissioner, Tiruchirappalli City Corporation for compliance and returned the proposals vide ref.5<sup>th</sup> cited.
4. Now, vide 6<sup>th</sup> & 7<sup>th</sup> cited, the Executive Engineer, RWS Division Thanjavur has submitted revised proposals for laying underground Water Pipe line in the project stretch of Thanjavur - Trichy section NH-67.
5. The revised proposal was forwarded to Independent Engineer M/s.MSV International Inc Trichy for inspection & report vide reference 8<sup>th</sup> cited. They have submitted their report vide reference 9<sup>th</sup> cited. The copy of letter is enclosed herewith.
6. The proposal is examined as per Ministry's Circular No. NH 111/P/66/76 dated 18/19.11.1976, RW/NH 33044/27/2005/ S&R(R) pt. dt.06.08.2013 and RW-NH/33024/29/2015/S&R(R) dt.22.11.2016 and other circulars. The following observations are made:
  1. The laying underground Sewer Pipeline along the road from Km 128.450 to Km 129.040 (LHS), from Km 129.280 to Km 129.320 (LHS), from Km 129.320 to Km 129.490(LHS), from Km 129.460 to Km 129.670(RHS), from Km 130.010 to 130.080 (LHS) & from Km 130.140 to Km 130.970(LHS) and across at Km 128.900 & 129.640 in the road stretch of Thanjavur - Trichy section of NH-67.
  2. In the proposal the Commissioner, Tiruchirappalli City Corporation, Trichy has mentioned that the GAS pipeline will be laid at 2.5 m below the G.L by using trench less method by Horizontal Direction Drilling, which is more than the Ministry stipulation of minimum 1.50m below G.L as per norms of Ministry Circular.
  3. The applicant the Commissioner, Tiruchirappalli City Corporation, Trichy has proposed underground Sewer pipeline along and across the road at the depth of 1.5 m below GL by trench less method by Horizontal Direction Drilling method.
  4. The Independent Engineer, M/s. MSV International Inc., has inspected the site and opined that the applicant may be permitted to lay pipe line without disturbing the existing utilities (copy enclosed).



## National Highways Authority of India

5. During the joint site inspection with IE and applicant, it is observed that the laying of water pipeline is proposed in the urban limits with restricted ROW. The applicant has accepted to carryout work through HDD method at the extreme end of ROW (beyond RCC drain).
6. The applicant has to submit an undertaking to NHAI for restoration of the excavated stretch to the normal condition without damages to the utilities such as drinking water lines, sewage lines, electrical cable and other OFC cables.
7. The strip plan showing the details of proposed laying of water Pipeline and necessary checklist are furnished.
8. The licensee has to cross the NH by HDD (trenchless technology only). In case any damage is caused to the road pavement in this process. The Commissioner, Tiruchirappalli City Corporation, Trichy will have to restore the same to the original condition at their own cost.
9. The levy fee and other conditions stipulated in the new circular of Ministry have also been included in the undertaking
10. The four laning work in the above stretch of Thanjavur- Trichy section of NH 67 has already been completed. The DPR work is in progress for the 6lane elevated corridor by the existing IE, M/s. MSV International Inc.
11. They have also applied through Online Portal to get the Water Pipe line permission from NHAI vide reference ID 20230429/1/9/19292/2708] Dated 27.06.2023.

### A. Restoration Charges to be collected

Total length for laying of Water Pipe line along the road by HDD method	= 1820 mtrs.
Cost of Restoration Charges @ Rs.100.00 per running meter (1650 x 100)	= Rs. 165000/-
Cost of Restoration Charges @ Rs.250.00 per running meter (170 x 250)	= Rs. 42500/-



# National Highways Authority of India

Across in two locations (2x100000)

= Rs. 200000/-

Total = Rs. 407500/-

(or) Say Rs. 4.07 lakhs

## B. License fee to be collected

B. License fee to be collected

Sl.No.	Description	Length in Meters	Width	Area occupied in Sqmt
A	Area occupied along the road/Area			Urban
i	from Km 128.540 to Km 129.040 (LHS),	500	0.20	100
ii	from Km 129.280 to Km 129.320 (LHS),	40	0.20	8
iii	from Km 129.320 to Km 129.490(LHS)	170	0.45	76.50
iv	from Km 129.460 to Km 129.670(RHS)	210	0.20	42
v	from Km 130.010 to 130.080 (LHS)	70	0.20	14
vi	from Km 130.140 to Km 130.970(LHS)	830	0.40	332
	Area occupied across the road			
i	At Km 128.900	60	0.25	15
ii	At Km 129.640	60	0.25	27
B	Total area to be utilized			614.500
C	Circle Rate (guideline Value for the above area as on 01.04.2023 as recommended by M/s.IRM Energy Ltd, Ahmedabad).	The guideline value ranges from Rs.5925 Sq.m in Thiruverumbur village and Rs.7000/- Sq.m in Agaram village. Details enclosed.		
D	License Fees (Rs/sqm/month) = (Utilized NH land area x prevailing Circle rate of land per unit area)/(10x12)			
E	Total amount for Public utilities per month (Rs.)			10994
F	License fee for initial 5 years in Rs.= Total amount x 5 years (Rs.10994*5*12)			659640

*H. J. Jay*

## National Highways Authority of India

Hence, the proposal of the Commissioner, Tiruchirappalli City Corporation Trichy seeking permission for underground Sewer Pipeline along the road from Km 128.540 to Km 129.040 (LHS), from Km 129.280 to Km 129.320 (LHS), from Km 129.320 to Km 129.490(LHS), from Km 129.460 to Km 129.670(RHS), from Km 130.010 to 130.080 (LHS) & from Km 130.140 to Km 130.970(LHS) and across at Km 128.900 & 129.640 in the road stretch of Thanjavur - Trichy section of NH-67 as detailed above may please be considered and approval accorded.

Encl: 3 sets of proposal (1 original + 2 copy).  
NOC Portal Application copy  
Copy of IE letter

Yours faithfully,



(M. Ganesh Kumar)

DGM(T) & Project Director.  
NHAI-PIU-Thanjavur

Copy to: 1. Team Leader M/s.MSV International Inc Trichy for information  
2. The Commissioner, Tiruchirappalli City Corporation Trichy for information



# MSV INTERNATIONAL INC.

IN ASSOCIATION WITH

MSV INTERNATIONAL TECH PVT. LTD.

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



Email: msv.dindigulthanjavur@gmail.com

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

MSV/TRICHY/NHAI/IE-TL/2022-23/1565

To  
The Project Director,  
Project Implementation Unit,  
No. 54, Natarajapuram North Colony,  
First Floor, Medical College Road,  
Thanjavur-613004

NHAI - PIU - THANJAVUR	
10 JUL 2023	
Ev.No:	3908
M(T)	
LAO	
PA	
SE/RS	
SE/SB	
SE/AN	
SE/IS	

Date: 08.07.2023

**Sub:** Independent Engineer during Operation & Maintenance Period for the stretches from Km.80+000 to Km.136+490 section of (Old NH-67 New NH-83 in the State of Tamil Nadu on BOT Basis under NHDP – Phase-III- UGSS- Tiruchirappalli City Corporation Phase- III- Zone-5 Request for permission to lay underground Sewer Pipeline along and across the road stretch of Thanjavur – Trichy section of NH-67 - Reg.

**Ref:** 1. Commissioner, Tiruchirappalli City Corporation Lr.No.ROC.No.4970/2018 E7/(Main) Dated 06.04.2023 (received on 13.04.2023)  
2. MORTH NOC Application Details [20230429/1/9/19292/2708] Dated 02.05.2023  
3. NHAI/PIU/Thanj/11021/105/2020/1224 Dated 05.05.2023  
4. This office Lr.No. MSV/Trichy/NHAI/IE-TL/2022-23/1459 Dated 19.05.2023 (Received on 23.05.2023)  
5. NHAI/PIU/Thanj/11021/105/2020/1436 Dated 24.05.2023  
6. The Commissioner, Tiruchirappalli City Corporation Lr.No.ROC.4824/2018/E7/Main Dated 22.06.2023 (Received on 28.06.2023).  
7. MORTH NOC Application Details [20230429/1/9/19292/2708] Dated 27.06.2023  
8. NHAI/PIU/Thanj/11021/105/2020/1894 Dated 06.07.2023.

Dear Sir,

The Commissioner, Tiruchirappalli City Corporation vide reference 1st & 2nd cited has submitted proposals for laying underground Water Supply pipeline in the project stretch of Thanjavur - Trichy section of NH-67 (New No.83).

2. Vide reference 3<sup>rd</sup> cited, Independent Engineer has been requested to inspect and report on the submitted proposal.

3. Further, Independent Engineer vide reference 4<sup>th</sup> cited has made certain observations and same was forwarded to Commissioner, Tiruchirappalli City Corporation for compliance the Project Director PIU Thanjavur vide ref (5) returned the Proposal for necessary action.

Accordingly the UGSS Tiruchirappalli City Corporation vide ref 6<sup>th</sup> has revised drawings have been prepared and the proposal is now resubmitted. The remarks pointed out by the PD/NHAL/PHU/Thanjavur are attended as follows:





# MSV INTERNATIONAL INC.

IN ASSOCIATION WITH

MSV INTERNATIONAL TECH PVT. LTD.

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



Email: [msv.dindigulthanjavur@gmail.com](mailto:msv.dindigulthanjavur@gmail.com)

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

- (1) The ROW in the following chainages at Km 128/700, 128/800, 128/900, 129/040, 130/010, 130/800 & 130/900 is corrected in the drawing for the above locations.
- (2) The cross section showing the existing road level for laying pipeline along the road have been mentioned in the drawing for the above location
- (3) As requested by the PD NHAI letter in the reference 5<sup>th</sup> cited, open trench/ HDD or trenchless method will be adopted wherever lot of utilities available during execution
- (4) The earthmoving equipment's JCB etc. will be avoided and excavation will be carried out by manually during execution.

In this regard, the Project Director PIU Thanjavur vide ref (8), requested to inspect the site and offer remarks/comments on the proposals and a report may be submitted to this office at the earliest.

Accordingly, Independent Engineer inspected the site & verifies the corrected chainages in the drawing as per site condition.

During the inspection it is observed that the corrected chainages are suitable as per site conditions as mentioned above para.

Hence Independent Engineer requested to Authority that permission may be granted for laying of UGSS Sewer Pipeline under Phase- III, Zone- 5 in the Project Highway as requested by the Tiruchirapalli City Corporation.

This is for your kind information and needful action.

Thanking you and assuring you the best professional knowledge at all times.

Yours faithfully,

(K.M.GURUSWAMY)

Team Leader

Encl: Proposal Booklet.



LICENSE FEES FOR PUBLIC UTILITY (OFC) (Rs/Sqm/Month)									
S.NO	Name of village	CHAINAGE IN KM		SIDE	LENGTH (L) (m)	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 (PUBLIC UTILITY) (Rs)
		FROM	TO						
1	Thiruverumbur	128.54	129.04	LHS	500	0.200	100.000	5925	1629
2	Thiruverumbur	129.28	129.32	LHS	40	0.200	8.000	5925	130
3	Thiruverumbur	129.32	129.49	LHS	170	0.450	76.500	5925	1246
4	Thiruverumbur	129.46	129.67	RHS	210	0.200	42.000	5925	684
5	Thiruverumbur	130.01	130.08	LHS	70	0.200	14.000	5925	228
6	Agaram	130.14	130.97	LHS	830	0.400	332.000	7000	6391
7	Thiruverumbur	128.900		Crossing	60	0.250	15.000	5925	244
8	Thiruverumbur	129.640		Crossing	60	0.450	27.000	5925	440
					1940.0		614.500		10994
TOTAL LICENSE FEE FOR 5 YEARS (60 MONTHS) = Rs.10994 x 60 = 659640 (Rupees Six Lakhs Fifty Nine Thousand Six Hundred and Forty Only)									

**Note:**

UTILIZED NH LAND AREA = outer Diameter/Width of the concerned utility line X length

As PER PARA 5 &amp; ANNEXURE 1 OF MINISTRY'S GUIDELINE WIDE LETTER REF. F.NO. RW/NH-33044/29/2015/S&amp;R(R) dated 22.11.2016

The license fee for public utility, the Electrical cable by Public utility provider shall be 33% of the fee prescribe for Public utilities



# भारतीय राष्ट्रीय राजमार्ग प्राधिकरण (सडक परिवहन और राजमार्ग मंत्रालय, भारत सरकार)

## National Highways Authority of India

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

### Office of the Project Director, Project Implementation Unit,

No. 54, Natarajapuram North Colony,

Medical College Road, Thanjavur - 613 004, Tamilnadu.

टेलीफोन / Telephone : 04362 - 246473, 241777

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वेब / Web: www.nhai.gov.in



9  
730

No.NHAI/PIU/Thanj/11021/105/2020 /1894

Dated: 06.07.2023

To  
The Team Leader,  
M/s.MSV International INC  
Plot No.290, Cauvery Nagar,  
Co Abishekapuram, Pirattiyur West  
Trichy - 620 009.

**Sub:** National Highways Authority of India-PIU-Thanjavur- UGSS - Tiruchirappalli City Corporation Phase-III - Zone-5 Request for Permission to lay underground Sewer Pipeline along and across the road stretch of Thanjavur - Trichy section of NH-67 - Remarks Called - Reg.

**Ref:** 1. The Commissioner, Tiruchirappalli City Corporation Lr.No.ROC.No.4970/2018 E7/(Main) Dated 06.04.2023 (received on 13.04.2023)  
2. MORTH NOC Application Details [20230429/1/9/19292/2708] Dated 02.05.2023  
3. This office Lr.No.NHAI/PIU/Thanj/11021/105/2020/1224 Dated 05.05.2023  
4. M/s.MSV International Inc Trichy Lr.No.MSV/Trichy/NHAI/IE-TL/2022-23/1459 Dated 19.05.2023 (Received on 23.05.2023)  
5. This office Lr.No.NHAI/PIU/Thanj/11021/105/2020/1436 Dated 24.05.2023  
6. The Commissioner, Tiruchirappalli City Corporation Lr.No.ROC.No.4824/2018 E7/(Main) Dated 22.06.2023 (received on 28.06.2023)  
7. MORTH NOC Application Details [20230429/1/9/19292/2708] Dated 27.06.2023  
\*\*\*\*\*

Sir,

The Commissioner, Tiruchirappalli City Corporation vide reference 1<sup>st</sup> & 2<sup>nd</sup> cited has submitted proposals for laying underground Water Supply pipeline in the project stretch of Thanjavur - Trichy section of NH-67 (New No.83).

2. Vide reference 3<sup>rd</sup> cited, Independent Engineer has been requested to inspect and report on the submitted proposal.

3. Further, Independent Engineer vide reference 4<sup>th</sup> cited has made certain observations and same was forwarded to Commissioner, Tiruchirappalli City Corporation for compliance and returned the proposals vide ref.5<sup>th</sup> cited.


4. Now, vide 6<sup>th</sup> & 7<sup>th</sup> cited, the Executive Engineer, RWS Division Thanjavur has submitted revised proposals for laying underground Water Pipe line in the project stretch of Thanjavur - Trichy section NH-67.

## National Highways Authority of India

5. A copy of the proposal is enclosed for reference. It is hereby requested to inspect the site and offer remarks/comments on the proposals and a report may be submitted to this office at the earliest. The details of coordinates of the existing ROW and the proposed location for laying of Water Pipe line may also be furnished in the report at the earliest.

Encl: Copy of proposal - 1No

Yours faithfully,

 06/07/23  
(Binesh.M),  
Manager (Tech)  
NHAI-PIU-Tanjavur

## Municipal Administration and Water Supply Department

From  
**Dr. R. Vaithinathan, I A S**  
**Commissioner**  
 Tiruchirappalli City Corporation  
 Tiruchirappalli – 620 001



To  
**The Project Director,**  
 Project Implementing Unit,  
 NHAI, NO:54, 1<sup>st</sup> floor,  
 Natarajapuram North colony, Medical  
 college road,  
 Thanjavur – 613004.

**Roc No: 4824/ 2018 / E7 (main) Dt: 22.06.2023**

Sir,

**Sub :** UGSS – Tiruchirappalli City Corporation – Phase III – Zone 5 – Laying of pipeline along and across the national highways NH-67 – permission - reg

**Ref :** 1 Agreement No: 01/ 2020-21 dt 15.04.2020  
 2. Letter from TCC: RocNo: 4994/2020/E7(Main) Dated: 15.10.2020 Addressed to NHAI, Thanjavur.  
 3. Letter from TCC: RocNo: 4994/2020/E7(Main) Dated: 03.11.2020 Addressed to NHAI, Thanjavur  
 4. Tcc Roc No: 1228/2015/E7(Main) Dt. 04.09.2021  
 5. PD NHAI Thanjavur Letter No: 1107/2009/7611/ Dt: 20.10.2021  
 6. TCC ROC No: 4824/2018/E7(Main) dated: 29.07.2022  
 7. District Collector Trichy co-ordination meeting conducted on 26.08.2022 & 27.08.2022  
 8. Copy of Minutes of Meeting of Chairperson, NHAI with Chief Secretary, Government of Tamil Nadu held in Chennai on 18<sup>th</sup> August 2022 regarding issues in NHAI's projects in Tamilnadu  
 9. Copy of Minutes of Review meeting in Tamil Nadu by Secretary (RTH) held on 22.09.2022 at Transport Bhawan, New Delhi  
 10. RO Madurai E. Office File No: E.178522 Dt: 08.12.2022  
 11. PD NHAI/PIU/THANJ/1102/105/2020/3507 Dt: 09.12.2022  
 12. TCC letter ROC NO: 4824/2018/E7(Main) Dt: 05.01.2023  
 13. TCC Letter ROC NO: 4824/2018/E7(Main) Dt: 05.04.2023  
 14. PD NHAI/PIU/THANJ/11021/105/2020/1436 Dt: 24.05.2023

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The work of providing underground sewerage system in added area of Tiruchirappalli city Corporation under phase III has been taken up by L&T, Chennai vide agreement cited.

Necessary permission have been requested to lay sewage gravity main and pumping main in NH-67-Thanjavur Trichy road across 2 No of location and along 5 No of location in the reference 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> cited. The proposal have been returned in the 5<sup>th</sup> cited since acquisition of land for service road is under process by the NHAI authority.

Under this agreement, the works of laying of sewer mains and construction of manholes along and across Trichy – Thanjavur NH is held up at 7 location for want of permission from NHAI.

NHAI - PIU - THANJAVUR	
28 JUN 2023	
By No:	3635
M(T)	
LAO	
PA	✓
SE/RS	
SE/SE	
SE/AN	✓
RECEIVED	

*Handwritten signature and date:*  
 29/06/23  
 MCT/

As per the directions of the District Collector, Trichy during joint inspection on 12.04.2022, the NHAI representatives have visited all the 7 locations jointly with CMSC and L&T members on 10.05.2022. After the site visit and as directed by them the drawings have been revised and the revised proposal have been sent to the PD NHAI Thanjavur for getting permission vide the reference 6<sup>th</sup> cited for the following location

S.No	Zone	Type of main	Location	Casing pipe (MS pipe)	Carrier Pipe
<b>Across the NH – 67 Thanjavur – Trichy Road</b>					
1	Zone 5	Gravity main	In NH 67 near Thiruverambur KM 128/900 - 45m	700mm dia	250mm dia
2	Zone 5	Gravity main	In NH 67 near Thiruverambur KM 129/640 - 45m	1000mm dia	450mm dia
<b>Along the NH – 67 Thanjavur – Trichy Road</b>					
3	Zone 5	Gravity main	In NH 67 near Thiruverambur KM 128/540 to 129/040 KM – 500 m (LHS)	–	200 mm dia
4	Zone 5	Gravity main	In NH 67 near Thiruverambur KM 129/280 to 129/320 KM – 40 m (LHS)	-	200mm dia
		Gravity main	In NH 67 near Thiruverambur KM 129/320 to 129/490 KM – 170 m (LHS)		450mm dia
5		Pumping main	In NH 67 near Thiruverambur KM 129/460 to 129/670 KM – 210m (RHS)	-	200mm dia
6		Gravity main	In NH 67 near Thiruverambur KM 130/010 to 130/080 KM – 70 m (LHS)		200mm dia
7		Pumping main	In NH 67 near Thiruverambur KM 130/140 to 130/970 KM – 830 m (LHS)		400mm dia

In the reference 10<sup>th</sup> and 11<sup>th</sup> cited, some observation are pointed out and requested to resubmit the proposal. In the reference 13<sup>th</sup> cited, the proposal have been resubmitted after attending the remarks pointed out in the reference 10<sup>th</sup> & 11<sup>th</sup> cited. Subsequently, the above proposals have been applied through online in the website “morth.noc.nic.in” as requested by the PD NHAI Thanjavur.

In this connection necessary joint inspection have been conducted by the Independent Engineers, NHAI along with CMSC team on 15.05.2023 in the above location. Based on the joint inspection, the proposal have been returned in the reference 14<sup>th</sup> cited with some remarks.

After attending the remarks mentioned in the reference 14<sup>th</sup> cited revised drawing have been prepared and enclosed as follows.

- The ROW in the following chainages at Km 128/700, 128/800, 128/900, 129/040, 130/010, 130/800 & 130/900 are corrected in the drawing for the above locations
- The cross section showing the existing road level for laying pipeline along the road have been mentioned in the drawing for the above location
- As requested by the PD NHAI letter in the reference 14<sup>th</sup> cited, open trench/ HDD or trenchless method will be adopted wherever lot of utilities available during execution
- The earthmoving equipment's JCB etc. will be avoided and excavation will be carried out by manually during execution

The proposal with revised drawings are herewith enclosed for favour of further action. I request that necessary permission may please be accorded at the earliest to lay the pipe line across and along the Thanjavur-Trichy National Highway Road (NH-67) in the above location.

Further, I also request that necessary permission may be given pending approval of the above proposal to lay the sewerage pipeline in the above location as already directed by the District Collector Trichy during the joint inspection at site with PD NHAI Thanjavur on 12.04.2022 as a special case so as to complete the project earlier enable to avail the AMRUT fund from Govt of India

  
For Commissioner,  
Tiruchirappalli City Corporation

Encl :

1. Proposal with revised drawings with ROW details for the above location

Copy to the Regional officer, NHAI, Madurai, for favour of information

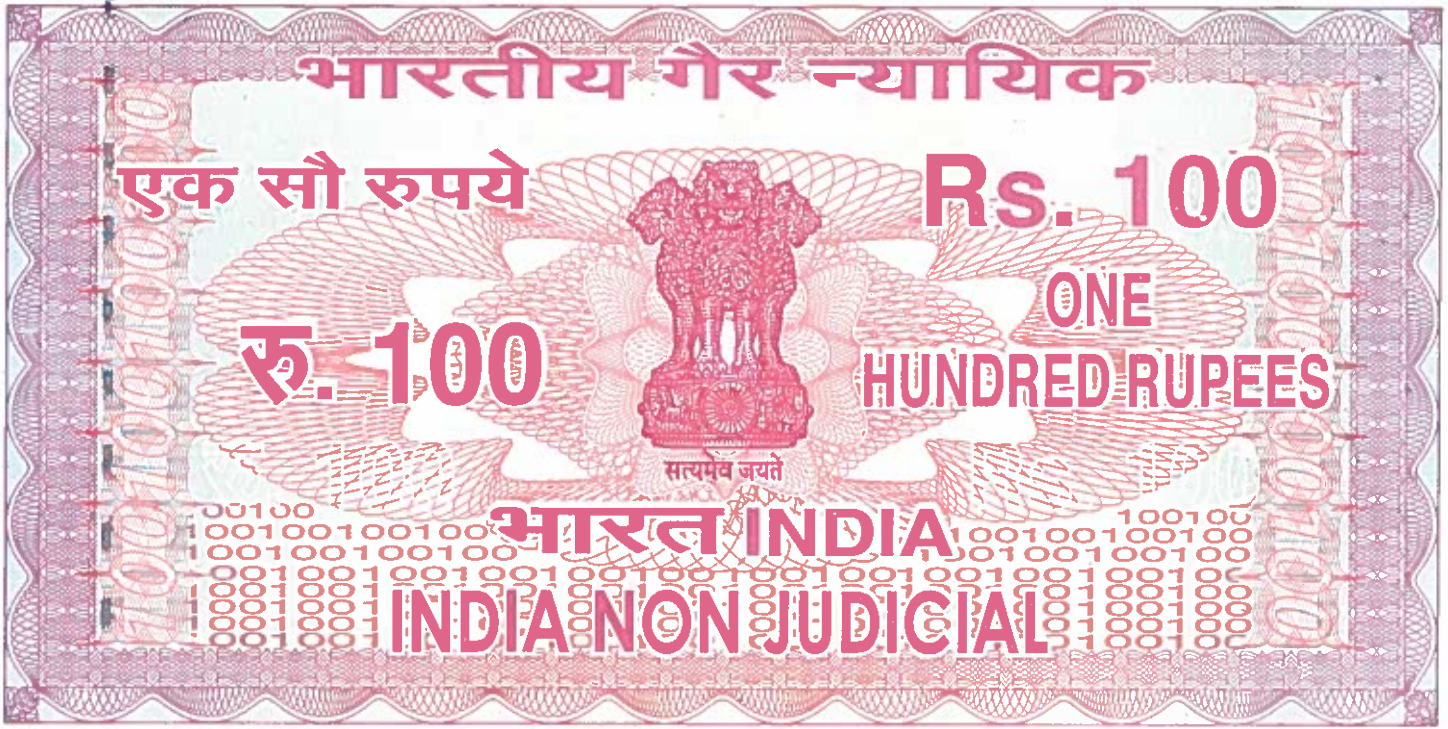
## **TIRUCHIRAPPALLI CITY CORPORATION**

### **PROVIDING UNDER GROUND SEWERAGE SCHEME TO TRICHIRAPPALLI CITY CORPORATION UNDER PHASE III WORKS**

PROPOSAL FOR OBTAINING PERMISSION FOR LAYING OF SEWER PIPELINE IN  
THE FOLLOWING LOCATIONS (In Thanjavur-Trichy NH 67 road Near Thiruverumbur).

1. 250 mm dia CI sewer gravity main across NH-67 at KM 128/900.(45m)
2. 450mm dia CI sewer gravity main across NH-67 at KM 129/640. (45m)
3. 200 mm dia UPVC sewer gravity main along extreme end of ROW in NH-67 LHS from KM 128/540 to KM 129/040(500m).
4. 200mm dia UPVC sewer gravity main along extreme end of ROW in NH-67(LHS) from KM 129/280 to KM 129/320(40m length) and 450 mm dia CI sewer gravity main along extreme end of ROW NH-67(LHS) from KM 129/320 to KM 129/490(170m).
5. 200 mm dia CI sewer pumping main along extreme end of ROW NH-67 RHS from KM 129/460 to KM 129/670(210m).
6. 200 mm dia UPVC sewer gravity main along extreme end of ROW NH-67 LHS from KM 130/010 to KM 130/080 (70m).
7. 400 mm dia CI sewer pumping main along extreme end of ROW NH-67 LHS from KM 130/140 to KM 130/970(830m).





தமிழ்நாடு தமில்நாடு TAMILNADU

CU 763603  
S. ராக்நாதி  
மு.தா. வி  
L.No: 6/2000  
மு.நி. தமில்நாடு

7 FEB 2023

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

Agreement to lay sewage gravity main and pumping main across and along in NH 67 in the following locations (In Thanjavur-Trichy NH road Near Thiruverumbur).

1. 250 mm dia CI sewer gravity main across NH-67 at KM 128/900.(45m)
2. 450mm dia CI sewer gravity main across NH-67 at KM 129/640. (45m)
3. 200 mm dia UPVC sewer gravity main along extreme end of ROW in NH-67 LHS from KM 128/540 to KM 129/040(500m).
4. 200mm dia UPVC sewer gravity main along extreme end of ROW in NH-67(LHS) from KM 129/280 to KM 129/320(40m length) and 450 mm dia CI sewer gravity main along extreme end of ROW NH-67(LHS) from KM 129/320 to KM 129/490(170m).
5. 200 mm dia CI sewer pumping main along extreme end of ROW NH-67 RHS from KM 129/460 to KM 129/670(210m).
6. 200 mm dia UPVC sewer gravity main along extreme end of ROW NH-67 LHS from KM 130/010 to KM 130/080 (70m).
7. 400 mm dia CI sewer pumping main along extreme end of ROW NH-67 LHS from KM 130/140 to KM 130/970(830m).

This agreement made this ..... day of ..... month of ..... (year) between NATIONAL HIGHWAYS AUTHORITY OF INDIA acting in his executive capacity through Regional officer, NHA, Madurai (hereinafter referred to as the "Authority" which expression shall unless excluded by or repugnant to the context, include his successors in office and assigns) on the one part, and Tiruchirappalli Corporation acting in his/her executive capacity through

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Commissioner , Tiruchirappalli Corporation,Trichirappalli District, Pin code – 620001, Tamil Nadu (called the "Licensee") which expression shall unless excluded by repugnant to the context, include his successors/administrator assignees on the second part.

Whereas the Authority is responsible, inter-alia, for development and maintenance of lands in the following locations of NH 67 ROW (In Thanjavur-Trichy NH road Near Thiruverumbur).

1. 250 mm dia CI sewer gravity main across NH-67 at KM 128/900.(45m)
2. 450mm dia CI sewer gravity main across NH-67 at KM 129/640. (45m)
3. 200 mm dia UPVC sewer gravity main along extreme end of ROW in NH-67 LHS from KM 128/540 to KM 129/040(500m).
4. 200mm dia UPVC sewer gravity main along extreme end of ROW in NH-67(LHS) from KM 129/280 to KM 129/320(40m length) and 450 mm dia CI sewer gravity main along extreme end of ROW NH-67(LHS) from KM 129/320 to KM 129/490(170m).
5. 200 mm dia CI sewer pumping main along extreme end of ROW NH-67 RHS from KM 129/460 to KM 129/670(210m).
6. 200 mm dia UPVC sewer gravity main along extreme end of ROW NH-67 LHS from KM 130/010 to KM 130/080 (70m).
7. 400 mm dia CI sewer pumping main along extreme end of ROW NH-67 LHS from KM 130/140 to KM 130/970(830m).

Whereas the Licensee proposes to lay Sewage Pipes referred to as utility services in subsequent paras.

Whereas the Licensee has applied to the authority for permission to lay utility services in the following locations (In Thanjavur-Trichy NH road Near Thiruverumbur).

1. 250 mm dia CI sewer gravity main across NH-67 at KM 128/900.(45m)
2. 450mm dia CI sewer gravity main across NH-67 at KM 129/640. (45m)
3. 200 mm dia UPVC sewer gravity main along extreme end of ROW in NH-67 LHS from KM 128/540 to KM 129/040(500m).
4. 200mm dia UPVC sewer gravity main along extreme end of ROW in NH-67(LHS) from KM 129/280 to KM 129/320(40m length) and 450 mm dia CI sewer gravity main along extreme end of ROW NH-67(LHS) from KM 129/320 to KM 129/490(170m).
5. 200 mm dia CI sewer pumping main along extreme end of ROW NH-67 RHS from KM 129/460 to KM 129/670(210m).
6. 200 mm dia UPVC sewer gravity main along extreme end of ROW NH-67 LHS from KM 130/010 to KM 130/080 (70m).
7. 400 mm dia CI sewer pumping main along extreme end of ROW NH-67 LHS from KM 130/140 to KM 130/970(830m).

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 to be observed and performed, the Authority hereby grants to the Licensee permission to lay utility services as per the approved drawing attached hereto subject to the following conditions, namely.

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

  
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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 to permitted to use the Ro W, either above or below, or by the side of the utilities laid by the first user, subject to technical requirements being fulfilled. Decision of the Authority in relation to fulfilment of technical requirements shall be final and binding on all concerned parties. In case any disruption/damage is caused to any existing user by the subsequent user, the Authority shall not be held accountable or liable in any manner.
3. The Licensee shall be responsible for undertaking all activities including, but not limited to site identification, survey, design, engineering, arranging finance, project management, obtaining regulatory approvals & necessary clearances, supply of equipment, material, construction, erection, testing and commissioning, maintenance and operation and all other activities essential or required for efficient functioning of their own utility/ industrial infrastructure facilities.
4. The Licensee shall pay license fees @ Rs...../sq m/month to the Authority. The Licensee, fee shall become payable from the date of handing over of ROW land to the Licensee, for laying of utilities / cables / conditions for providing common utility ducts along National Highways, there shall be a separate agreement regime.
5. Fee shall-have to be paid in advance for the period for which permission is granted for entering into a license agreement. In case of renewal. rate prevailing at the time of renewal shall be charged. Delay in deposition of fee shall attract interest @ 15% per annum compounded annually.
6. Present policy of the MoRT&H is to provide a 2.00 m wide utility corridor on either side of the extreme edge of ROW. In cases where utility ducts with sufficient space are already available along NH, the utility services shall be laid in such ducts subject to technical requirements being fulfilled.
7. The utility services shall be laid at the edge of the ROW. In case of restricted width of ROW, which may be adequate only to accommodate the carriageway, central verge, shoulders, slopes of embankment, drains, other road side furniture etc; the utility services shall be laid beyond the toe line of the embankments and clear of the drain.
8. The Licensee shall make his own arrangement for crossing of cross drainage structure, rivers, etc. below the bed. In case, this is not feasible, the utility services may be carried outside the railings/parapets and the bridge superstructure. The fixing and supporting arrangement with all details shall be required to be approved in advance from the concerned Highway Administration. Additional cost on account of fixing and supporting arrangement as assessed by the Authority shall be payable by the Licensee.
9. In exceptional cases, where ROW is restricted the utility services can be allowed beneath the carriageway of service road, if available, subject to the condition that the utility services be laid in concrete ducts, which will be designed to carry traffic on top. The width of the duct shall not be less than one lane. In such cases, it also needs to ensure that maintenance of the utility services shall not interfere with the safe and smooth flow of traffic. The cost of operation and maintenance will have to be borne by the Licensee.
10. It is to be ensured that at no time there is interference with the drainage of the road land and maintenance of the National Highways. Towards this, the top of the utility services shall be at least 0.6 metre below the ground level. However, any structure above ground shall be aesthetically provided for I landscaped with required safety measures as directed by the concerned Authority.
11. The utility services shall be permitted to cross the National Highway either through structure or conduits specially built for that purpose. The casing / conduit pipe



- should, as minimum, extend from drain to drain in cuts and toe of slope to toe of slope in the fills and shall be designed in accordance with the provision of IRC and executed following the Specifications of the Ministry.
12. Existing drainage structures shall not be allowed to carry the lines across.
  13. The top of the casing/conduit pipe containing the utility services to cross the road shall be at least 1.2m below the top of the sub grade or the existing ground level whichever is lower, subject to being at least 0.3m below the drain inverts. A typical sketch showing the clearances is given in Attachment-I.
  14. The utility services shall cross the National Highway preferable on a line normal to it or as nearly so as practicable.
  15. The casing/conduit pipe 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 ponding will not be permitted.
    - d) The road crust shall be built to the same strength as the existing crust on either side of the trench or to thickness and specifications stipulated by the Highway Authority.
  17. The Licensee shall ensure making good the excavated trench for laying utility services by proper filling and compaction, so as to restore the land in to the same condition as it was before digging the trench, clearing debris/loose earth produced due to execution of trenching at least 50m away from the edge of the right of way.
  18. All required restoration work subsequent to laying, of the cable shall be required to be undertaken by the Licensee at its cost either by itself or through its authorized representative in consultation with the Authority as per predetermined time schedule and quality standards.
  19. Prior to commencement of any work on the ground, a performance Bank Guarantee @ Rs.....per route metre / Rs..... per sq m with a validity of one year initially (extendable if required till satisfactory completion of work) shall have to be furnished by the Licensee to the Authority/its designated agency as a security against improper restoration of ground in terms of filling/unsatisfactory compaction damages caused to other underground installations/utility services & interference, interruption, disruption or failure caused thereof to any services etc. In case of the Licensee failing to discharge the obligation of making good of the excavated trench/other restoration work, the Authority shall have a right to make good the damages caused by excavation, at the cost of the Licensee and recover the amount by forfeiture of the Bank Guarantee.
  20. In case the Performance Bank Guarantee is invoked as mentioned above, the Licensee shall be required to replenish and reinstate the required Performance Bank

  
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Guarantee within one month of such invoking. In case the work contemplated herein is not completed to the satisfaction of the Authority, which has granted the permission, within a period of 11 months from the date of issue of the Bank Guarantee, the Licensee shall either furnish a fresh guarantee or extend the guarantee for a further period of one year. Notwithstanding this, the Licensee shall be liable to pay full compensation to the aggrieved Authority/ its designated agency for any damage sustained by them by reason of the exercise of the ROW facility;

21. The Licensee shall shift the utility services within 90 days (or as specified by the respective Authority) from the date of issue of the notice by the concerned Authority to shift / relocate the utility services, in case it is so required for the purpose of improvement/widening of the road/route/highway or construction of flyover/bridge and restore the road/land to its original condition at his own cost and risk.
22. The Licensee shall be responsible to ascertain from the respective agency in coordination with Authority, regarding the location of other utilities /underground installations/ facilities etc. The Licensee shall ensure the safety and security of already existing underground installations/utilities/facilities etc. before commencement of the excavation/using the existing cable ducts. The Licensee shall procure insurance from a reputed insurance company against damages to already existing underground installations/utilities/facilities etc.
23. The Licensee shall be solely responsible / liable for full compensation indemnification of concerned agency / aggrieved Authority for any direct, indirect or consequential damage caused to them / claims or replacements sought for, at the cost and risk of the Licensee. The concerned agency in co- ordination with Authority shall also have a right make good such damages/ recover the claims by forfeiture of Bank Guarantee.
24. If the Licensee fails to comply with any condition to the satisfaction of the Authority the same shall be executed by the Authority at the cost and risk of the Licensee.
25. Grant of License is subject to the Licensee satisfying (a) minimum disruption of traffic and (b) no damage to the highways. As far as possible, the Licensee should avoid cutting of the road for crossing highway, and other roads and try to carry out the work by trenchless technology. in case any damage is caused to the road pavement in this process, the Licensee will be required to restore the 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 day in advance with route details prior to digging trenches, for fresh or maintenance /repair works. A separate performance Bank Guarantee for maintenance/repair works shall have to be furnished by the Licensee.
27. Each day, the extent of digging the trenches should be strictly regulated so that utility services 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 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

  
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- time of renewal, the permission shall automatically be renewed, unless defaults exist. In case of renewal, rate prevailing at the time of renewal shall be charged. Delay in deposition of fee shall attract interest @ 15% per annum compounded annually.
30. The permission shall be valid only for the period it is issued and fee deposited. However, the Authority also has a right to terminate the permission or to extend the period of Agreement,
31. That the Licensee shall not undertake any work of shifting, repairs or alterations to the utility services without prior written permission of the concerned agency in coordination with the Authority.
32. The permission Tented shall not in any way be deemed to convey to the Licensee any ownership right or any interest in route/road/highway land /properly, other than what is herein expressly granted. No use of NH ROW will be permitted for any purpose other than that specified in the Agreement.
33. During the subsistence of this Agreement, the utility services located in highway land / properly 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 infeasible by lapse of time.
34. The Licensee shall bear the Stamp Duty charged on this Agreement.
35. Three copies of 'as laid drawings' of utilities (hard and soft copies) with geo- tagged photographs and geo-tagged video recordings of laying of cables in the trench (with respect to the NH) and after complete restoration shall be submitted to the Authority for verification and record within a month of completion of works.
36. The Licensee shall allow free access to the Site at all times to the authorized representatives of Authority to inspect the Project Facilities and to investigate any matter within their Authority, and upon reasonable notice, shall provide reasonable assistance necessary to carry out their respective duties and functions.
37. The utility services shall not be made operational by the Licensee unless a completion certificate to the effect that the utility services has been laid in accordance with the approved specifications and drawings and the trenches have been filled up to the satisfaction of the concerned agency in co-ordination with the Authority has been obtained. Notwithstanding anything contained herein, this Agreement may be cancelled at any time by Authority for breach of any condition of the same and the Licensee shall neither be entitled to any compensation for any loss caused to it by such cancellation nor shall it be absolved from any liability already incurred,
38. The Licensee shall ensure adherence to relevant Indian standards and follow best industry practices, methods and standards for the purpose of ensuring the safe, efficient and economic design, construction, commissioning, operation, repair and maintenance of any part of the utility lines/industrial infrastructure facilities and which practices, methods and standards shall be adjusted as necessary, to take account of:
- operation, repair and maintenance guidelines given by the manufacturers,
  - the requirements of Law,
  - the physical conditions at the Site, and
  - The safety of operating personnel and human beings.
39. The Licensee shall have to provide safety measures like barricading, danger lighting and other necessary caution boards while executing the work.
40. While laying utility services, at least one lane of road shall be kept open to traffic at all times. In case of single lane roads, a diversion shall be constructed. If any traffic diversion works are found necessary during the working period such diversion shall be provided at the cost of Licensee.
41. After the termination/expiry of the agreement the Licensee shall remove the utility services within 90 days and the site shall be brought back to the original condition

  
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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 conditions of this Agreement or their implementation shall be referred to the redress mechanism prevailing in the Ministry and the decision of the redress mechanism shall be final and binding on all.
43. For PPP Projects, in case of any financial loss incurred by the respective project concessionaires due to such laying/shifting of utility services by the Licensee, compensation for the same shall be required to be borne by the Licensee in mutual agreement with the respective project concessionaires. MoRT&H/ NHAI/ implementing authorities for the project shall not be liable to the concessionaire in any way in this regard.

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

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

SIGNED SEALED AND DELIVERED FOR AND ON BEHALF OF AUTHORITY.

BY SHRI-----

(Signature, name & address with stamp)

SIGNED ON BEHALF OF TIRUCHIRAPPALLI CORPORATION(LICENSEE)

BY SHRI-----

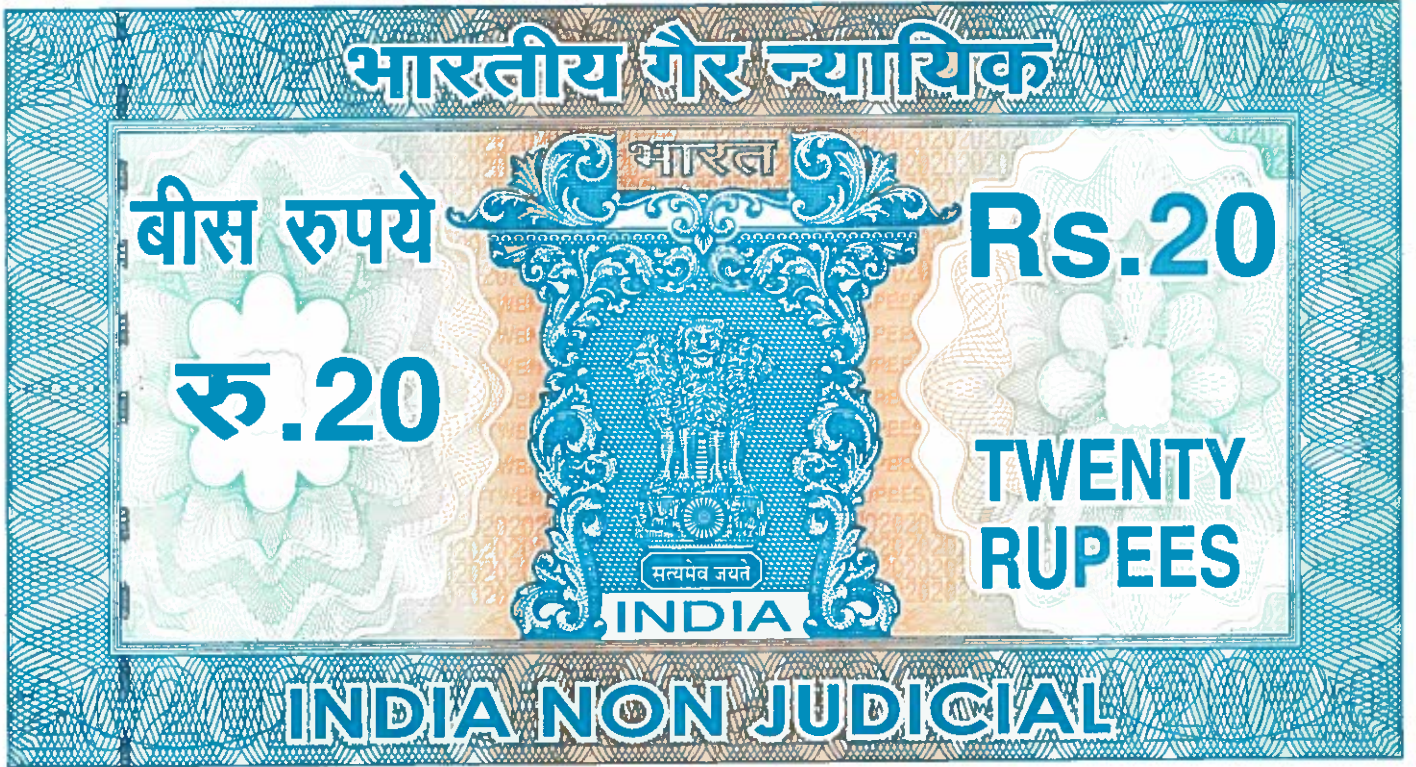
(Signature, name & address with stamp)  
CITY ENGINEER  
Tiruchirappalli City Corporation

HOLDER OF GENERAL POWER OF ATTORNEY DATED-----

EXECUTED IN ACCORDANCE WITH THE RESOLUTION NO-----DATED-----  
PASSED BY THE BOARD OF DIRECTORS IN THE MEETING HELD ON-----

IN THE PRESENCE OF (WITNESSES):

1. EXECUTIVE ENGINEER  
Tiruchirappalli City Corporation
- 2.



காமிநாடு தமில்நாடு TAMIL NADU

22AC 406752

**UNDERTAKING**

We, the Commissioner, Trichirappalli City Corporation, Trichy District, Tamilnadu- 620 001 undertake to lay the sewage pipe line in the following locations for proving under ground sewerage scheme for Trichirappalli City Corporation Phase-III works in following locations (in Thanjavur-Trichy NH road Near Thiruverumbur).

1. 250 mm dia CI sewer gravity main across NH-67 at KM 128/900.(45m)
2. 450mm dia CI sewer gravity main across NH-67 at KM 129/640. (45m)
3. 200 mm dia UPVC sewer gravity main along extreme end of ROW in NH-67 LHS from KM 128/540 to KM 129/040(500m).
4. 200mm dia UPVC sewer gravity main along extreme end of ROW in NH-67(LHS) from KM 129/280 to KM 129/320(40m length) and 450 mm dia CI sewer gravity main along extreme end of ROW NH-67(LHS) from KM 129/320 to KM 129/490(170m).
5. 200 mm dia CI sewer pumping main along extreme end of ROW NH-67 RHS from KM 129/460 to KM 129/670(210m).
6. 200 mm dia UPVC sewer gravity main along extreme end of ROW NH-67 LHS from KM 130/010 to KM 130/080 (70m).
7. 400 mm dia CI sewer pumping main along extreme end of ROW NH-67 LHS from KM 130/140 to KM 130/970(830m).

The work of trench and laying of Sewer pipe line along will be carried out only after getting approval from the competent authority

1. We undertake to shift the pipe line if required at any time owing to expansion of the road or if necessary by the NH authority at our cost & risk without claiming any cost from NHAI.

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2. Wherever the berm width less, we will adopt trench-less technology method for laying pipes.
3. Not to damage to other utility, If damaged than to pay the losses either to NHAI or to the concerned agency.
4. Bank Guarantee will be renewed as and when required.
5. We will abide by all standard conditions of NHAI guidelines in vogue are issued from time to time.
6. We undertake for shifting of the pipe line as and when required by NHAI at our own cost.
7. Indemnity against all damages and claims by the licensee.
8. Shifting due to 6 lanning / widening of NH etc, will be made by us with in time fixed by NHAI.
9. We undertake that traffic movement during laying of pipe line will be managed.
10. Prior approval of the NHAI shall be obtained before undertaking any work of installation, shifting or repairs or alterations to the showing pipe lines located in the National Highways right of way.
11. Expenditure if any incurred by NHAI towards repairing or any damage caused to the National Highways by the laying, maintenance or shifting of the pipe line located in the National Highways right of way.
12. If the NHAI considers it necessary in future to move the utility line for any work of improvement of repairs to the road it will be carried out as desired by the NHAI at our cost within a reasonable time (not exceeding 60 days) of the intimation given.
13. Certified that:
  - i. Laying of sewer pipe line will not have any deleterious effects on any of the bridge components and road way safety for traffic.
14. For 4/6 lanning " we do undertake that, we will relocate service road/approach road / utility at our cost not withstanding by NHAI for future six lanning or any other development".We do undertake that Tiruchirappalli Corporation will pay he fee/rent as mentioned in the Ministry's letter No. RW/NH/33044/29/2015 S&R (R)dated 22.11.2016 as and when asked by NHAI.

  
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தமிழ்நாடு தமிழ்நாடு TAMIL NADU

22AC 406698



16 FEB 2023

INDEMNITY BOND

We, the Commissioner Tiruchirappalli City Corporation, Trichy district, Tamilnadu –

do hereby indemnify the following to NHAI for laying of sewage from the following locations (In Thanjavur-Trichy NH road Near Thiruverumbur).

1. 250 mm dia CI sewer gravity main across NH-67 at KM 128/900.(45m)
2. 450mm dia CI sewer gravity main across NH-67 at KM 129/640. (45m)
3. 200 mm dia UPVC sewer gravity main along extreme end of ROW in NH-67 LHS from KM 128/540 to KM 129/040(500m).
4. 200mm dia UPVC sewer gravity main along extreme end of ROW in NH-67(LHS) from KM 129/280 to KM 129/320(40m length) and 450 mm dia CI sewer gravity main along extreme end of ROW NH-67(LHS) from KM 129/320 to KM 129/490(170m).
5. 200 mm dia CI sewer pumping main along extreme end of ROW NH-67 RHS from KM 129/460 to KM 129/670(210m).
6. 200 mm dia UPVC sewer gravity main along extreme end of ROW NH-67 LHS from KM 130/010 to KM 130/080 (70m).
7. 400 mm dia CI sewer pumping main along extreme end of ROW NH-67 LHS from KM 130/140 to KM 130/970(830m).

The work of trench and laying of water supply pipe along the NH will be carried out as per standard prescribed by NHAI only after getting approval from the competent authority.

1. Indemnity against all damages and claims by the license.

  
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2. Any shifted of the pipe line due to widening of NH will be made by us within the time fixed by NHAI at our cost, without financial implication to NHAI.
3. Rent and taxes due will duly paid by us.

  
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ANNEXURE - 1

## GENERAL TO ACCOMPANY ALL PROPOSALS

GENERAL :

- I Whether the site plan is drawn to A scale of 1:2500 or 1:1000 and enclosed : Yes --1.1000
- a Whether the details for 100M on either side of the utility laying have been furnished? : Yes
- b Does the site plan shown in full? : Yes
- c The NH Boundary line with distance from CIL of the road marked at salient point where the NH land width changing and also at 100M intervals. : Yes
- d The berm line with distance from C/L at 100m intervals and also at Salient points of change of width of NH land : Yes
- e C/L of pavement and pavement edge line marked distinctly. : Yes
- f Medians. If any marked to scale : Yes
- g The location of the utility line of proposal with changes showing exact locations and distances from NH C/Ls : Yes
- h The existing CID works with dimensions : Yes
- I. a) Purpose of the proposal in details : Providing Under Ground sewerage scheme to Trichy City Corporation under Phase-III.
- b) Exact location of proposal
- 250 mm dia CI sewer gravity main across NH-67 at KM 128/900.(45m)
  - 450mm dia CI sewer gravity main across NH-67 at KM 129/640. (45m)
  - 200 mm dia UPVC sewer gravity main along extreme end of ROW in NH-67 LHS from KM 128/540 to KM 129/040(500m).
  - 200mm dia UPVC sewer gravity main along extreme end of ROW in NH-67(LHS) from KM 129/280 to KM 129/320(40m length) and 450 mm dia CI sewer gravity main along extreme end of ROW NH-67(LHS) from KM 129/320 to KM 129/490(170m).
  - 200 mm dia CI sewer pumping main along extreme end of ROW NH-67 RHS from KM 129/460 to KM 129/670(210m).
  - 200 mm dia UPVC sewer gravity main along extreme end of ROW NH-67 LHS from KM 130/010 to KM 130/080 (70m).
  - 400 mm dia CI sewer pumping main along extreme end of ROW NH-67 LHS from KM 130/140 to KM 130/970(830m).
- C) Whether the applicant is private agency / public sector/local Body government Department : Urban local body government department

  
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- d) Any time schedule fixed for the completion of the proposal made? : Yes, within 6 months
- e) Whether any other location other than this not possible; if so the reason therefore, : Yes, There is no route available other than the proposed.
- g) Whether any other location than this should be difficult of costly? : There is no other route available for laying of pipe
- h) Whether this proposal when implemented will affect the design stability and traffic safety or highway? : No.
- i) Whether this proposal in implemented new, will affect likely future improvements such as improvements stagenometrics. : No
- j) Is there any proposal for improvements in this stretch on likely to be sanctioned in near future and whether they will be effected by this proposal : No.

  
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**OFFICIAL ANNEXURE FORM TO ACCOMPANY PROPOSAL SCHEME LAYING UTILITY SERVICES LIKE  
PIPELINES ALONG NATIONAL HIGHWAYS.**

**I. LAYING OF UTILITY LINE ALONG NH.**

1. Whether the utility line is as close to the extreme edge of the right way as possible if no the detailed reasons for occupation : Yes. The pipe line is proposed to be laid at the extreme edge of the right way.
2. Whether the utility line is 15m away from C/L of the nearest Carriage way If no, the reasons therefore (distances should be clearly noted) at salient points and at close intervals : Yes (Laying is proposed as per availability of (ROW)
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 bridge given reasons it cannot be avoided : No
5. Will this proposal interfere with the maintenance of. NH at any lime by its execution if permitted? : No
6. Whether CIS of utility line as runs along NH is given. : Yes, Furnished in the proposal.
  - a. Whether the top of pipe line at least 0.6M below ground level : Yes
  - b. Will it obstruct the drainage of road land : No
7. Is the proposal to lay on electric cable carrying HT line? : No
8. Is the proposal to lay on electric cable carrying HT line? : No
- A. If so the necessary certificate by the proposal that it will not have any temerarious effort on any of the bridge components and railway safety far traffic : Does not arise
- B. Laying of utility line across National Highways 67 : The proposal is Across & Along the road.

1. Chainage at which it crossed the NH :

(In Thanjavur-Trichy NH road Near Thiruverumbur).

1. 250 mm dia CI sewer gravity main across NH-67 at KM 128/900.(45m)
2. 450mm dia CI sewer gravity main across NH-67 at KM 129/640. (45m)

2. Chainage at which it Along the NH :

(In Thanjavur-Trichy NH road Near Thiruverumbur).

  
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1. 200 mm dia UPVC sewer gravity main along extreme end of ROW in NH-67 LHS from KM 128/540 to KM 129/040(500m).
  2. 200mm dia UPVC sewer gravity main along extreme end of ROW in NH-67(LHS) from KM 129/280 to KM 129/320(40m length) and 450 mm dia CI sewer gravity main along extreme end of ROW NH-67(LHS) from KM 129/320 to KM 129/490(170m).
  3. 200 mm dia CI sewer pumping main along extreme end of ROW NH-67 RHS from KM 129/460 to KM 129/670(210m).
  4. 200 mm dia UPVC sewer gravity main along extreme end of ROW NH-67 LHS from KM 130/010 to KM 130/080 (70m).
  5. 400 mm dia CI sewer pumping main along extreme end of ROW NH-67 LHS from KM 130/140 to KM 130/970(830m).
3. Does the proposal cross the NH on a line normal to it? Note : Yes, As per sewer network  
The reasons therefore & why it cannot be taken normal to road design.
  4. The proposal for irrigation purpose? If so the concurrence of : Not applicable  
the Revenue Dept, has been enclosed
  5. Whether there is any structure existing within 15m from the : NO  
crossing? If so the details of such structure.
  6. The reasons why the crossing cannot be shifted to more : Does not arise.  
than 15m from the existing structure?

C. CONDUIT OF CASING PIPE :

1. 1000mm MS PIPE For 500mm CI CARRIER PIPE and
  2. 700mm MS Encasing pipe for 200mm CI Carrier pipe.
- a. Does it pass through special conduits built for this purpose? : No
  - b. Does it use any of the existing drainage structure? : No
  - c. Whether the conduit pipe line has been encased : yes
  - d. Whether the ends of carrying or conduit pipe are sealed from outside : yes
  - e. Does the casing/Conduit pipe extent from drainage to drain if this is cut : yes  
From the toe of slope in case if this is full
  - f. Whether the top of casing/conduit pipe is 1.2m below the road level. : yes  
Subject to increase 0.3m the drains invert

  
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**D. METHODS OF LAYING**

1. Will the pipe be installed under road embankment by boring or trench method? : Not Applicable
2. If trench method adopted? : Trench method is adopted for laying of pipe along the NH Road and Trench less method for laying of pipe across the road.
  - A. Are the sides of the trench nearly vertical? : YES
  - B. What is width of trench it is not more than 30cm and not more than 60 cm than the outer dia of the casing : Width of the trench is 0.8m to 0.85m
  - C. Whether the bedding is on 30cm thick below the pipe : YES
  - D. Does it consist of granular materials or good materials to given a firm surface : YES
  - E. The above details shown in the sketch : YES
  - F. Whether the backfill shall be complete in 2 stage : Filled in layers of 30cm & Rammed manually
  - G. Whether the said fill shall consist of good materials and whether will be completed to 95% of its proctor's density : YES
  - H. Whether the road will be restored to its original shape : YES
  - I. Whether all precautions will be taken during laying : YES
  - J. Whether the party agrees to meet the cost of restoring the road to its original position : Yes ,necessary restoration will be paid by Tiruchirappalli Corporation on demand From NHAI

**II. IMPORTANT RULES:**

1. The pipe should not be laid longitudinally for consideration length along the NH
2. The crossing of pipe lines shall be square i.e. it should be normal to NH:
3. Existing drainage structures shall not be used to carry the pipe lines across unless specially permitted by the government of India
4. Cable should be provided with a casing pipe of larger dia and with 0.30 meter bedding below the casing pipe if laid across

**Conditions:**

1. The pipelines should not be laid longitudinally for considerable length along National Highways
2. The Crossing of pipelines shall be square i.e. should be normal to the National Highway
3. Existing drainage structures shall not be used to carry the pipelines across, unless specially permitted by Govt. of India
4. Pipelines Should be provided with a casing pipe of larger diameter with a 0.30m bedding below the casing pipe if laid across the road.

  
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**CERTIFICATE:**

1. This proposal when implemented will not affect the design stability and traffic safety of Highway
2. This proposal if implemented now will not affect any likely further improvement such as improvement to geometric
3. There is no proposal for improvements in this stretch likely to be sanctioned near future except four laning
4. The proposal is in accordance with the Government of India's specifications
5. Certificate to the effect that we have inspected the site and there will not be any hindrance for the NH Road and for Future Developments

In this regard it is clarified that necessary bank guarantee will be submitted as and when the proposal is approved by the NHAI. Hence it is requested to process the above NHAI proposal and arrange for the permission so as to commence the work early.

  
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**SPECIAL ANNEXURE TO ACCOMPANY PROPOSALS FOR LAYING AND PROTECTION OF PIPELINE  
ALONG NATIONAL HIGHWAYS**

1. Does the pipeline proposed lie at a distance of 0.6m : No  
from the outer edge of the road embankment and also  
lie 4.5m distance away from the centre line of the  
nearest carriageway
2. Is the pipeline taken over a culvert/bridges if any : No
  - a) Is this taken in a casing pipe through the ducts : No
  - b) Is the pipe line taken underneath the cushion by a  
suitable encasing for on the side of the parapet by : No  
suitably secured with clamping arrangements
  - c) Is the pipeline propose to be taken on the top of  
the road kerb close to the inside face of the parapet  
by means of clamps with the specific permission of : No  
the Chief Engineer
3. Is there any repeater station proposed,ifso,the distance  
of 30 cm from the center line of the nearest carriage  
way is satisfied,if not state the reasons : No
4. Has the repeater station proposed to be fenced around  
the station subject to the condition that the repeater  
station should not be less than 60m from the centre line : Does not arise  
of the nearest carriageway.

  
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**CHECK-LIST**

Guidelines for Project Directors for processing the proposal for laying of Sewage pipe line in the land along National Highway 67 vested with NHA

**Relevant Circulars**

1. Ministry Circular- RW/NH-33044/29/2015/S&R(R) dated.22.11.2016

Checklist for getting approval for laying of sewage pipe line in the following

(In Thanjavur-Trichy NH road Near Thiruverumbur).

1. 250 mm dia CI sewer gravity main across NH-67 at KM 128/900.(45m)
2. 450mm dia CI sewer gravity main across NH-67 at KM 129/640. (45m)
3. 200 mm dia UPVC sewer gravity main along extreme end of ROW in NH-67 LHS from KM 128/540 to KM 129/040(500m).
4. 200mm dia UPVC sewer gravity main along extreme end of ROW in NH-67(LHS) from KM 129/280 to KM 129/320(40m length) and 450 mm dia CI sewer gravity main along extreme end of ROW NH-67(LHS) from KM 129/320 to KM 129/490(170m).
5. 200 mm dia CI sewer pumping main along extreme end of ROW NH-67 RHS from KM 129/460 to KM 129/670(210m).
6. 200 mm dia UPVC sewer gravity main along extreme end of ROW NH-67 from LHS KM 130/010 to KM 130/080 (70m).
7. 400 mm dia CI sewer pumping main along extreme end of ROW NH-67 LHS from KM 130/140 to KM 130/970(830m).

S.No.	Item	Information/status	Remark
1	General Information		
1.1	Name and Address of the applicant/Agency	The Commissioner, Trichy city Corporation, Trichy District, Pin Code- 620001 , TamilNadu	
1.2	National Highway Number	NH 67	
1.3	State	Tamilnadu	
1.4	Location	Thanjavur-Trichy NH road Near Thiruverumbur	
1.5	( Chainage in KM)	<b><u>Crossing in NH 38</u></b> <ul style="list-style-type: none"> <li>• at KM 128/900</li> <li>• at KM 129/640</li> </ul> <b><u>Along in NH 38</u></b> <ul style="list-style-type: none"> <li>• 128/540 to KM 129/040(500m length). LHS</li> <li>• From KM 129/280 to KM 129/320(40m length) LHS</li> </ul>	

  
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		<ul style="list-style-type: none"> <li>from KM 129/320 to KM 129/490(170m length). LHS</li> <li>from KM 129/460 to KM 129/670(210m length).RHS</li> <li>from KM 130/010 to KM 130/080 (70m length).LHS</li> <li>from KM 130/140 to KM 130/970(830m length).LHS</li> </ul>	
1.6	Length in meters	<u>Crossing</u> 45+45=90M <u>Along</u> 500+40+170+210+70+830=1820M	
1.7	Width of available ROW	Marked in the drawing	
	a) Right side from center line towards increasing chainage/ KM direction	Marked in the drawing	
	b) Left side from center line towards increasing chainage/ KM direction	Marked in the drawing	
1.8	Proposal to lay sewage pipe line		
	a) Right side from center line towards increasing chainage/ KM direction	<ul style="list-style-type: none"> <li>From KM 129/460 to KM 129/670(210m length).RHS</li> </ul>	
	b) Left side from center line towards increasing chainage/ KM direction	<ul style="list-style-type: none"> <li>From KM 129/280 to KM 129/320(40m length) LHS</li> <li>From KM 129/320 to KM 129/490(170m length). LHS</li> <li>From KM 130/010 to KM 130/080 (70m length).LHS</li> <li>From KM 130/140 to KM 130/970(830m length).LHS</li> </ul>	
1.9	Proposal to acquire land	Land available already	
	a) Left side from center line	-	
	b) Right side from center line	-	
1.10	Whether proposals is in the same side whether land is not to be acquired	NA	
	If not where to lay the cable	NA	
1.11	Details of already laid services, if any , along the proposed route	Not available	
1.12	Number of lanes(2/4/6/8) existing	4 lane	
1.13	Proposed number of lanes (2) lane with paved shoulders 2/4/6/8 lanes)		
1.14	Service road existing or not	Not Available	

  
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	If yes then which side		
	a) Left side from center line		
	b) Right side from center line		
1.15	Proposed service center line		
	a) Left Side	-	
	b) Right Side	-	
1.16	Whether proposals to lay water supply pipe line is after the service road or between the service road and main	At the extreme end of ROW	
1.17	The permission for laying of sewage pipe line shall be considered for approval/rejection based on the Ministry circulars	Considered for approval based on the ministry circular.	
	a) Carrying of sewage/gas pipelines on highway bridges shall not be permitted as fumes//gases pipes can accelerate the process of corrosion or may cause explosions, thus, being much more injurious than leakage of water	NA	
	b) Carrying of water supply pipe lines on bridge shall also be discouraged. However, if the water supply authorities seem to have no other viable alternative and approach the highway authority well in time before the design of the bridge is finalized, they may be permitted to carry the pipeline on independent superstructures, support on extended portions of piers and abutments in such a manner that in the final arrangement enough free space around the superstructure of the bridge remains available for inspection	NA	
	c) Cost of required extension of the substructure as well as that of the supporting superstructure shall be borne by the agency	NA	
	d) Services are not being allowed indiscriminately of the parapet/any part of the bridges safety of the bridges has to be kept in view while permitting various services along bridge. Approvals are to be accorded in this regard with the concurrence of the Ministry's Project Chief Engineers only		
1.18	If Crossings	yes	
	If yes, it shall be either encased in pipes or through	Encased pipe	

  
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	structure of conduits specially built for that purpose at the expenses of		
	a) Existing drainage structures shall not be allowed to carry the	Yes	
	b) Is it on a line normal to NH		
	c) Crossing shall not be too near the existing structures on the National Highway, the minimum distance being 15 meter. What is the distance from the existing structures?	Yes more than 20m	
	d) The causing pipe (or conduit pipe in the case of electric cable) carrying the utility line shall be of steel, cast iron or reinforced cement concrete and have adequate strength and be large enough to permit ready withdrawal of the carrier pipe / cable	Not Applicable	
	e) Ends of the casing / conduit pipe shall be sealed from the outside, so that it does not act as a drainage path	yes	
	f) The casing/conduit pipe should; as minimum extend from drain to drain in cuts and toe of slope toe of slope in the fills	yes	
	g) The top of the casing / conduit pipe should be at least 1.2 meter below the surface of the road subject to being atleast 0.3m	yes	
	h) Crossing shall be by boring method (HOD) specially where the existing road pavement is of cement concrete or dense	yes	
2.	Document / Drawing enclosed with the proposal.		
2.1	Cross section showing the size of trench for open trenching method (is it normal size of 1.6m deep .x 0.3m wide)	Yes 0.8 to 0.85 m width x 1.5 to 4.0m depth	
	i) Should not be greater than 60 cm wide than the outer diameter of the pipe	Yes.	
	ii) Located as close to the extreme edge of the right-of-way as possible but not less than 15 meter from the centre lines of the nearest carriageway	Yes	
	iii) Shall not be permitted to run along National Highways when the road formation is situated in double cutting Nor shall these be laid over the existing culverts and bridges.	Yes	
	iv) These should be so laid that their is at least 0.6 meter below the ground level so as not to obstruct drainage of the road land	Yes Top of the pipe is 1.20m below G.L	
2.2	Cross section showing the size of pit and location		

*M. S. Kumar*  
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	of cable for HOD method.	yes	
2.3	Strip plan I route plan showing sewage pipe line, chainage, width of ROW distance of proposed cable from the edge of ROW important mile stone intersections, cross drainage work etc.	Enclosed	
2.4	Methodology for laying of showing sewage pipe line	Enclosed	
2.4.1	Open trenching method (May be allowed in utility corridor only where pavement is neither cement concrete nor dense bituminous concrete type if yes, methodology of refilling of trench.	Yes	
i.	The trench width should be at least 30 cm, but not more than 60 cm wider than the outer diameter of the pipe	Trench width is 0.8 to 0.85m only	
ii.	For filling of the trench, Bedding shall be to a depth of not less than 30 cm It shall consist of granular material, free of lumps, clods and cobbles and graded to yield a firm surface without sudden change in the bearing value Unsuitable soil and rock edges be excavated and replaced by selected material.	Yes Granular material	
iii.	The back fill shall be completed in two stages (i) side-fill to the level of the top of the pipe and (ii) overfill to the	Yes	
iv.	The side fill shall consist of granular material laid in 15 cm layers each consolidated by mechanical tamping and controlled addition of moisture to 95% of the Proctor's Density. Overfill shall be compacted to the same density as the material that had been removed. Consolidation by saturation or ponding will not be permitted	Yes	
v.	The road crust shall be built to the same strength as the existing crust on either side of the trench. Care shall be taken to avoid the formation of a dip at the trench	Yes	
vi.	The excavation shall be protected by flagman, signs and barricades and red lights during night hours	Yes	
vii.	If required, a diversion shall be constructed at the expense of agency owning the utility line.	Yes	
2.4.2	Horizontal directional drilling (HOD) Method	yes	
2.4.3	Laying of sewage pipe line through CD works and guidelines issued with letter No. RW/NH-33044129/2015/S&R(R) Zone Dated: 22.11.2016 method of laying		
a)	On approaches the water mains / cables shall be	Extreme boundary of ROW	

*M. J. An H*  
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	carried along a line as close to the edge of the right-of way as possible up to a distance of 30m from the bridge and subject to all other stipulations contained in this Ministry's guidelines issued with letter No NH-H1/P/66/76 dated 19.11.1976		
3.	Draft license Agreement signed by two witnesses.	Extreme boundary of ROW	
4.	Performance Bank Guarantee in favour of NHAI has to be obtained @ Rs. 1 lakhs per crossing and also along the road side it is Rs. 100/- per meter length, for a period of one year initially (extendable if require till satisfactory completion of work) as a security for ensuring/making good the excavated trench for laying the cable/ducts by proper filling and compaction, clearing debris / loose earth produced due to execution of trenching at least 50m away from the edge of the right of way no payment shall be payable by the NHAI to the licensee for	Yes	
4.1	Performance BG as per above is to be obtained	Will be given after getting the approval	
4.2	Confirmation of BG has been obtained as per NHAI guidelines.	Will be given after getting the approval	
5	Affidavit / Undertaking from the Applicant for	Yes	
5.1	Not to damage to other utility, if damaged then to pay the losses either to. NHAI or to the concerned agency	Yes	
5.2	Renewal of Bank Guarantee	NA	
5.3	Confirming all standard condition of NHAI's guideline	Yes	
5.4	Shifting of water supply pipe line as and when required by NHAI at their own cost.	Yes	
5.5	indemnity, against all damages and claims clause (xxiv) shifting due to 6 laning / widening of NH	Yes	
5.6	indemnity, against all damages and claims clause (xxiv)	Yes	
5.7	Traffic movement during laying of water supply pipe line to be managed by the applicant	Yes	
5.8	If any claim is raised by the concessionaire then the same has to be paid by the applicant	Yes	
5.9	Prior approval of the NHAI shall be obtained before undertaking any work of installation, shifting or repairs, or alterations to the showing water supply pipe line located in the National Highway right-of-ways.	Yes	
5.10	Expenditure if any, incurred by NHAI for repairing any		

  
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	damage caused to the National Highway by the laying maintenance of shifting of the water supply pipe line will be borne by the agency owning the line	Yes	
5.11	If the NHAI considers if necessary in future to more the utility line for any work of improvement or repairs to the road, it will be carried out as desired by the NHAI at the cost of the agency owning the utility line within a reasonable time (not exceeding 60 days) of the intimation given	Yes	
5.12	Certificate from the applicant in the following format	Yes	
i.	Laying of water supply pipe line will not have any deleterious effects on any of the bridge components and roadway safety for traffic	Yes	
ii.	For 6 laning we do undertake that I will relocate serviceroad 1 approach road I utilities at my own cost not withstanding the permission granted within such time as will be stipulated by NHAI for future six laning or any other development	Yes	
6.	Who will sign the agreement on behalf of Sewer pipe line agency	Commissioner Tiruchirappalli City Corporation	
7	Certificate from the Project Director		
7.1	Certificate for confirming of all standard condition issued vide Ministry Circular No. RW1NH-33Q4412912015IS&R(R) Zone Date: 22.11.2016 Ministry Circular No. 1H-41	Yes	
7.2	Certificate from PD in the following format (i) "It is certified that any other location of the water supply pipe line would be extremely difficult and unreasonable costly and the installation of water supply pipe line within ROW will not adversely affect the design, stability & traffic safety of the highway nor the likely future improvement such as widening of the carriageway, easing of curve etc." (ii) for 6-laning	Yes	
a)	Where feasibility is available "I do certify that there will be no hindrance to proposed six laning based on the feasibility report considering proposed structures at the said location".	Yes	
b)	In case feasibility report is not available "I do certify that sufficient ROW is available at site for accommodating proposed six lining".	Yes	

*M. J. K. H.*  
**PROJECT DIRECTOR**  
**NATIONAL HIGHWAYS AUTHORITY OF INDIA,**  
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8	If NH section proposed to be taken up by NHAI on BOT basis -a clause is to be inserted in the agreement. "The permitted highway on which licensee lies been granted the right to lay cable /duct has also been Granted as a right of way to the concessionaire under the concession agreement for up-gradation of (..... section.....) and therefore, the licensee shall honour the same".	Yes	
9	Who will supervise the work of laying of sewage pipe line	City Engineer Tiruchirappalli City Corporation	
10	Who will ensure that the defects in road portion after laying of. water supply pipe line are corrected and if not corrected then what action will be taken	City Engineer Tiruchirappalli Corporation	
11	Who will pay claims for damages done / disruption in working of concessionaire if asked by the concessionaire	Commissioner Tiruchirappalli City Corporation	
12	A certificate from PD that he will enter the proposed permission in the register of records of the permissions in the prescribed proforma	Enclosed	
13	If any previous approval is accorded for laying of underground /water supply pipe line then photo copy of register of records of permissions accorded as maintained by PO then copy be enclosed.	NA	



**PROJECT DIRECTOR  
NATIONAL HIGHWAYS AUTHORITY OF INDIA  
PIU - THANJAVUR**

**CITY ENGINEER  
Tiruchirappalli City Corporation**



TO WHOM SO EVER IT MAY CONCERN

It is hereby authorized that P.Sivapatham, City Engineer, Tiruchirappalli Corporation, Tiruchirappalli will sign on behalf of Commissioner, Tiruchirappalli City Corporation, Tiruchirappalli in all the correspondence relating Execution of Under Ground Sewerage Scheme taken in Extended areas of Tiruchirappalli City Corporation.

He is also empowered to sign on behalf of commissioner in the agreement, with other Department such as Railways, NHAI, NH, Highways, BSNL & P.W.D, etc.



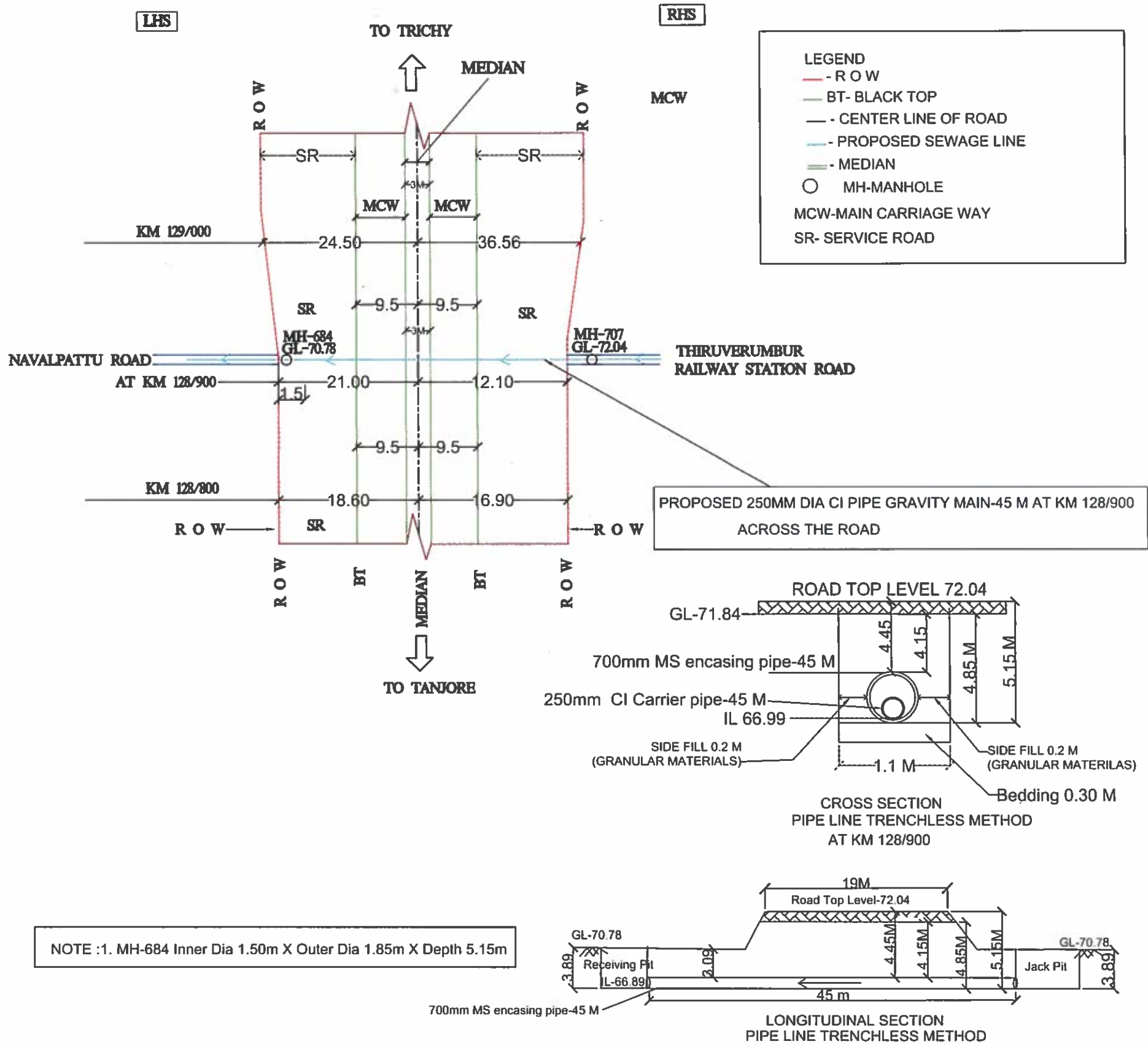
(R. Vaithinathan)

Commissioner

Tiruchirappalli City Corporation

TIRUCHIRAPPALLI CITY CORPORATION - UGSS PHASE-III WORKS- ZONE- 5

PROPOSED 250MM DIA CI SEWER GRAVITY MAIN ACROSS NH-67 AT KM 128/900 (45M)  
IN TANJORE-TRICHY NH ROAD (NEAR THIRUVERUMBUR)



Construction Manager  
CMSC Trichy Project  
STC - Tiruchirappalli

Team Leader  
CMSC Trichy Project  
STC - Tiruchirappalli

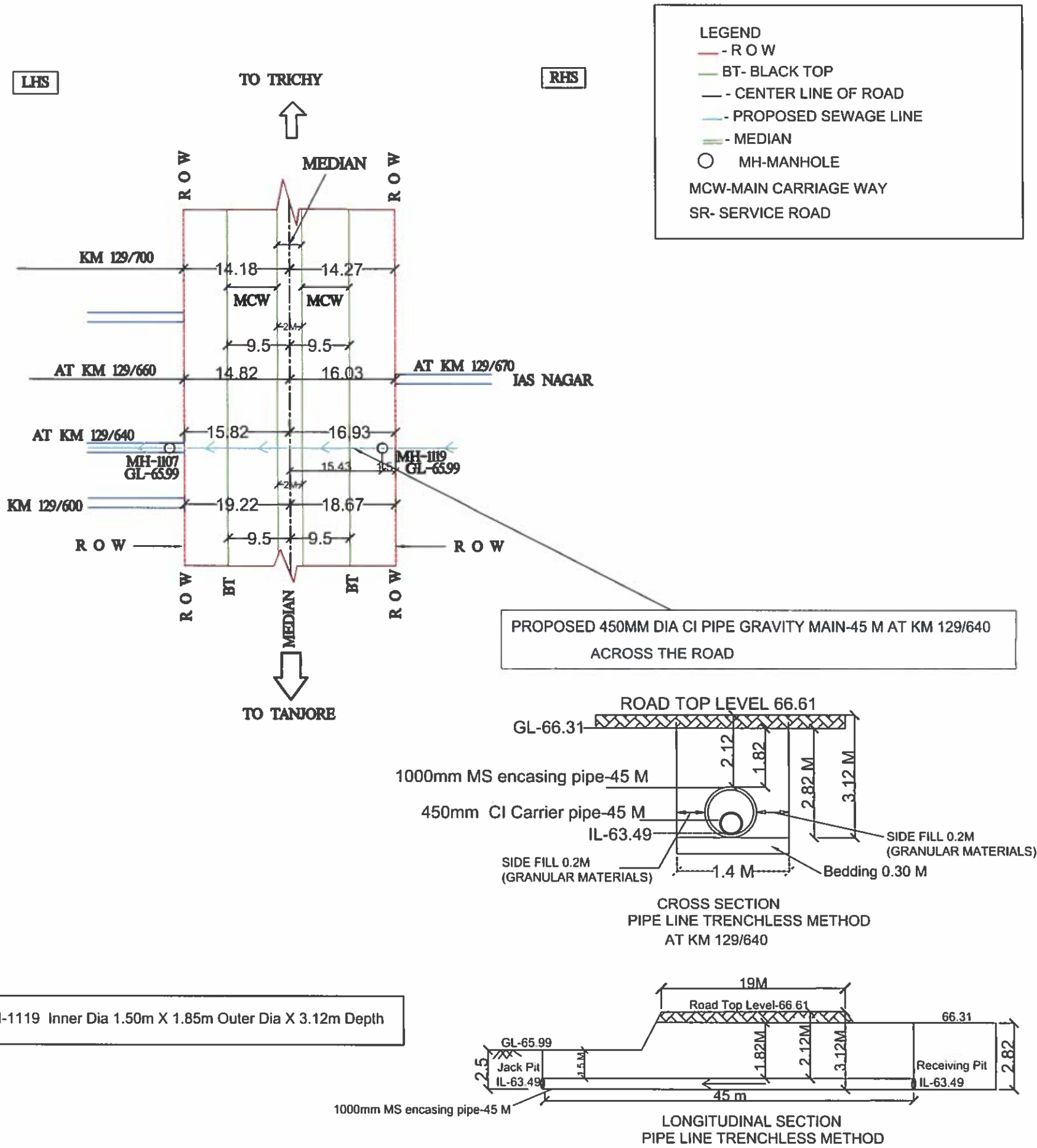
PROJECT DIRECTOR  
NATIONAL HIGHWAYS AUTHORITY OF INDIA  
PIU - THANJAVUR.

EXECUTIVE ENGINEER  
Tiruchirappalli City Corporation

CITY ENGINEER  
Tiruchirappalli City Corporation

TIRUCHIRAPPALLI CITY CORPORATION - UGSS PHASE-III WORKS- ZONE- 5

PROPOSED 450MM DIA CI SEWER GRAVITY MAIN ACROSS NH-67 AT KM 129/640 (45M)  
IN TANJORE-TRICHY NH ROAD (NEAR THIRUVERUMBUR)



Construction Manager  
CMSC Trichy Project  
STC - Tiruchirappalli

Team Leader  
CMSC Trichy Project  
STC - Tiruchirappalli

EXECUTIVE ENGINEER  
Tiruchirappalli City Corporation

PROJECT DIRECTOR  
NATIONAL HIGHWAYS AUTHORITY OF INDIA  
PIU - THANJAVUR.

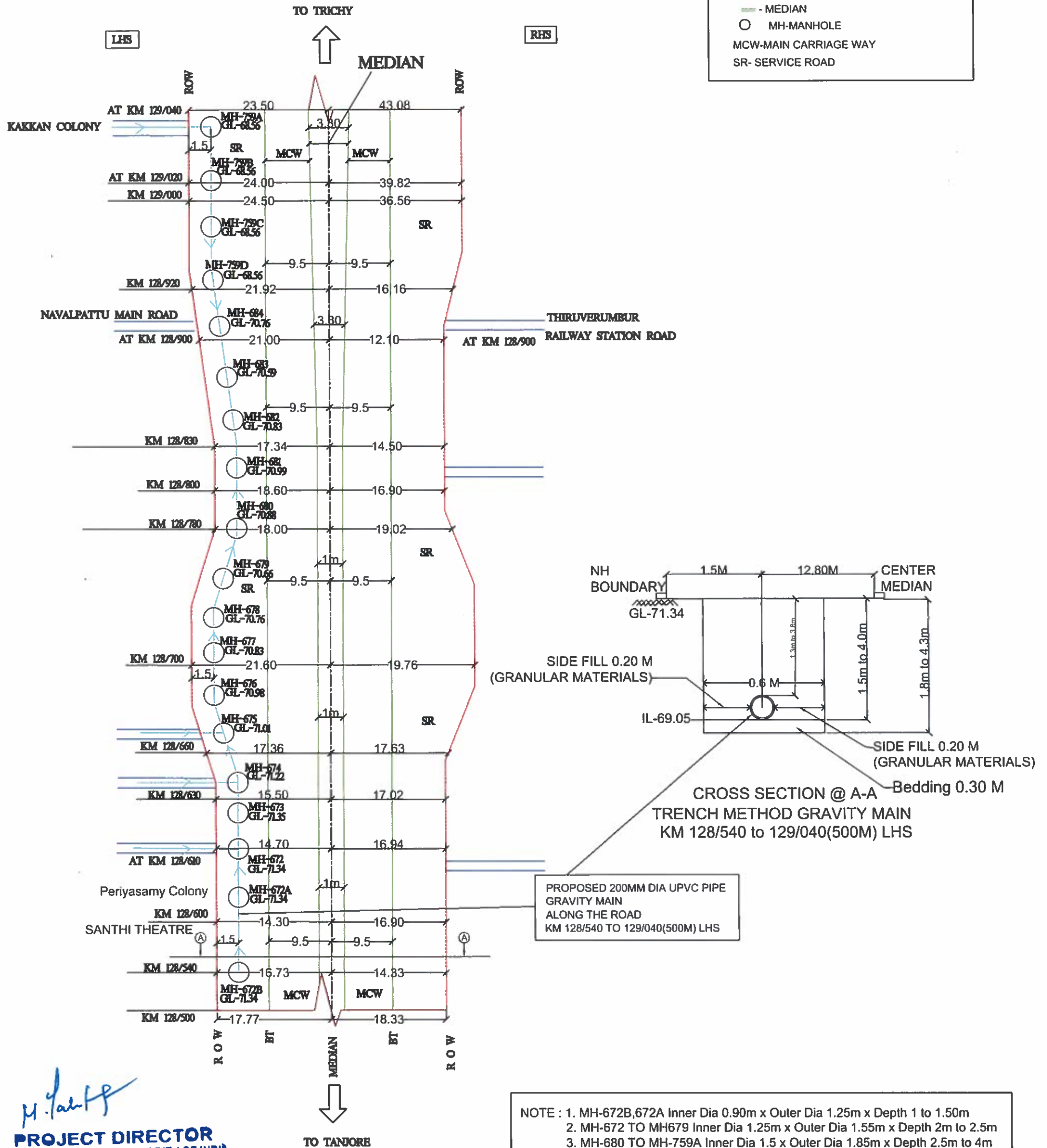
CITY ENGINEER  
Tiruchirappalli City Corporation

**TIRUCHIRAPPALLI CITY CORPORATION - UGSS PHASE-III WORKS- ZONE- 5**

PROPOSED 200MM DIA UPVC SEWER GRAVITY MAIN ALONG EXTREME END OF ROW IN NH-67

BETWEEN KM 128/540 AND KM 129/040 (500M) LHS

IN TANJORE-TRICHY NH ROAD (NEAR THIRUVERUMBUR)



**PROJECT DIRECTOR**  
NATIONAL HIGHWAYS AUTHORITY OF INDIA  
PIU - THANJAVUR.

Construction Manager  
CMSC Trichy Project  
STC - Tiruchirappalli

Team Leader  
CMSC Trichy Project  
STC - Tiruchirappalli

EXECUTIVE ENGINEER  
Tiruchirappalli City Corporation

CITY ENGINEER  
Tiruchirappalli City Corporation



**TIRUCHIRAPPALLI CITY CORPORATION - UGSS PHASE-III WORKS- ZONE- 5**

PROPOSED 200MM DIA UPVC SEWER GRAVITY MAIN ALONG EXTREME END OF ROW IN NH-67

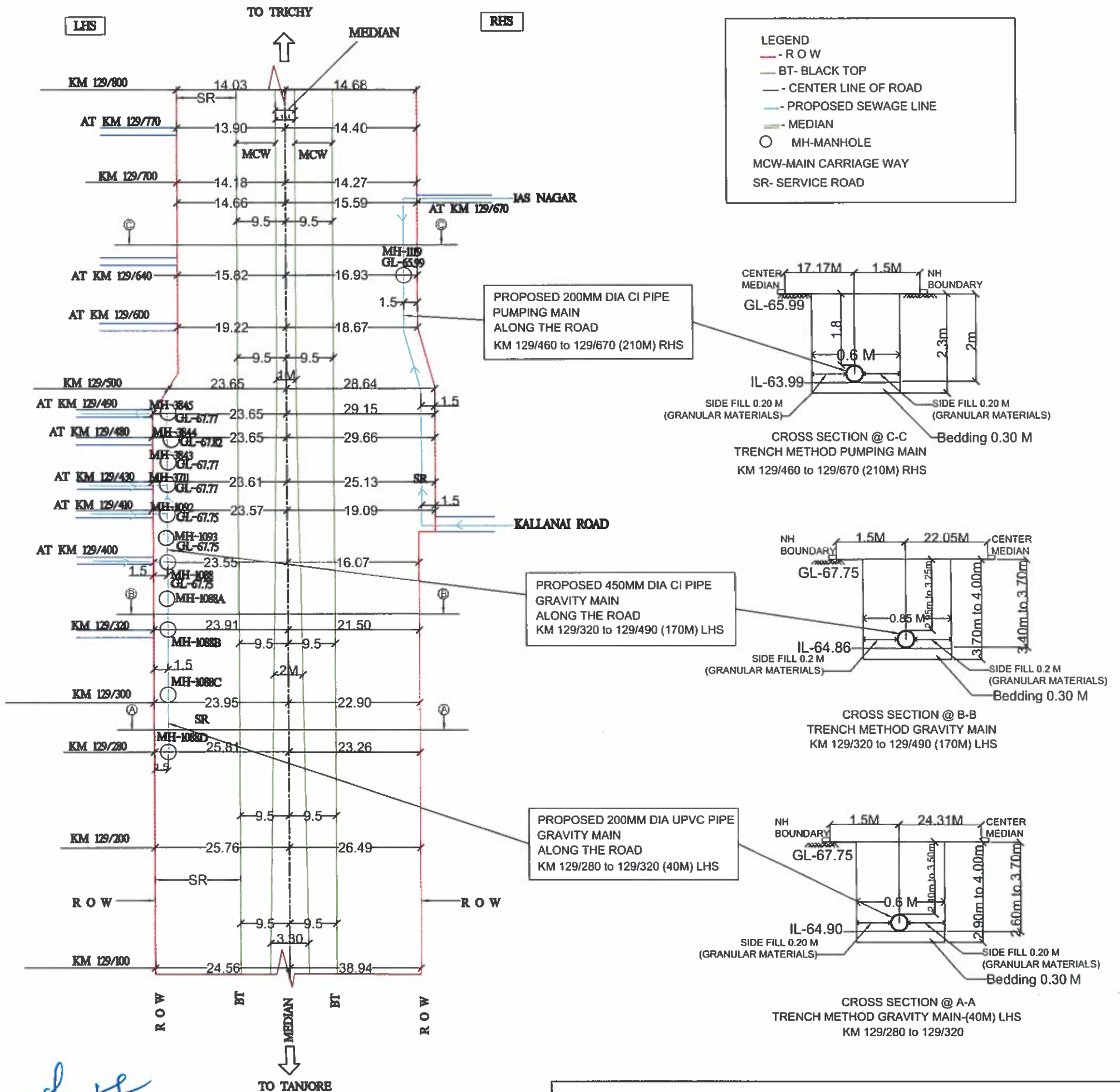
FROM KM 129/280 TO KM 129/320 (40M) AND 450MM DIA CI SEWER GRAVITY MAIN

FROM KM 129/320 TO KM 129/490 (170M) LHS

PROPOSED 200MM DIA CI SEWER PUMPING MAIN ALONG EXTREME END OF ROW IN NH-67 (RHS)

FROM KM 129/460 TO KM 129/670 (210M) RHS

IN THANJAVUR-TRICHY NH ROAD (NEAR THIRUVERUMBUR)



PROJECT DIRECTOR  
NATIONAL HIGHWAYS AUTHORITY OF INDIA  
PIU - THANJAVUR

Construction Manager  
CMSO Trichy Project  
STC - Tiruchirappalli

Team Leader  
CMSO Trichy Project  
STC - Tiruchirappalli

EXECUTIVE ENGINEER  
Tiruchirappalli City Corporation

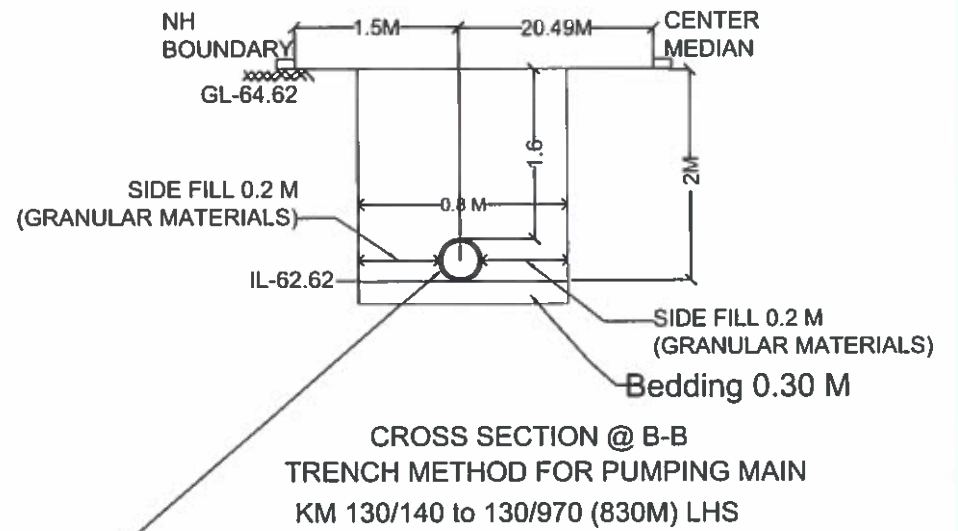
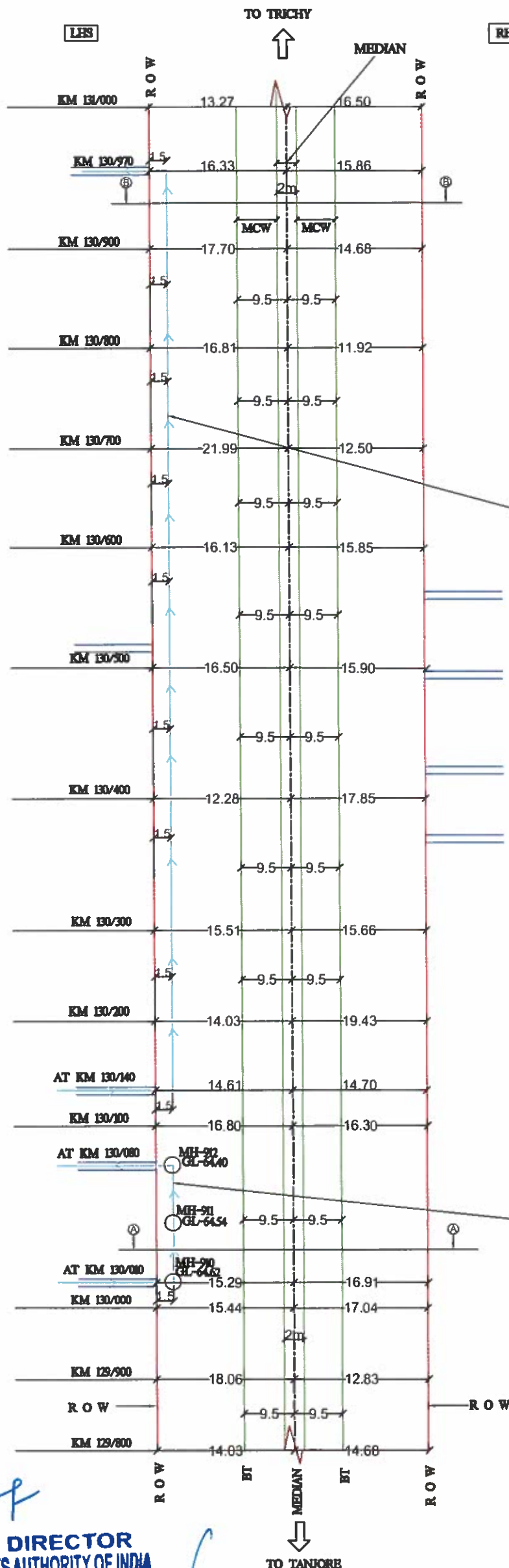
CITY ENGINEER  
Tiruchirappalli City Corporation



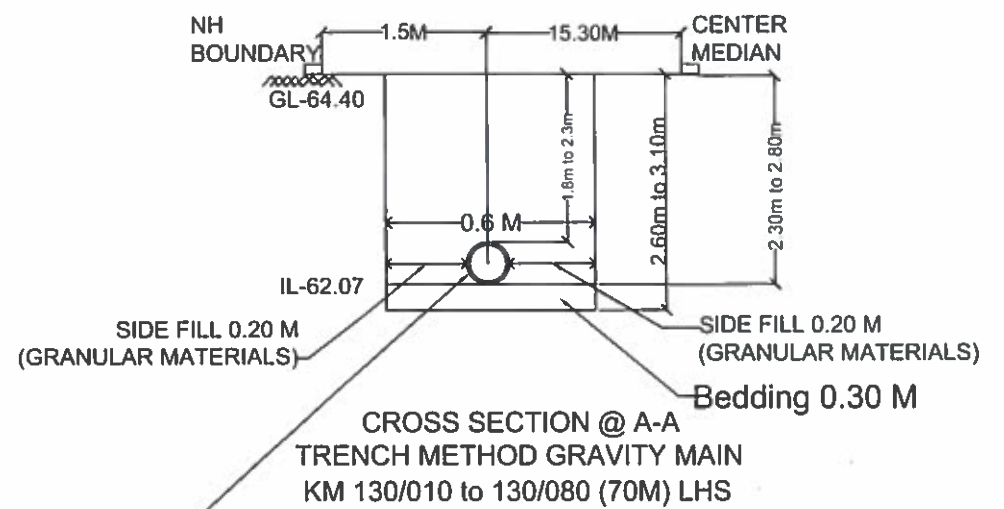
PROPOSED 200MM DIA UPVC SEWER GRAVITY MAIN ALONG EXTREME END OF ROW IN NH-67  
 BETWEEN KM 130/010 AND KM 130/080 (70M) LHS  
 PROPOSED 400MM DIA CI SEWER PUMPING MAIN ALONG EXTREME END OF ROW IN NH-67  
 BETWEEN KM 130/140 AND KM 130/970 (830M) LHS  
 IN TANJORE-TRICHY NH ROAD (NEAR THIRUVERUMBUR)

SHEET-1

**LEGEND**  
 - R O W  
 - BT- BLACK TOP  
 - CENTER LINE OF ROAD  
 - PROPOSED SEWAGE LINE  
 - MEDIAN  
 ○ MH-MANHOLE  
 MCW-MAIN CARRIAGE WAY  
 SR- SERVICE ROAD



PROPOSED 400MM DIA CI PIPE PUMPING MAIN  
 ALONG THE ROAD IN EXTREME EDGE OF THE ROW  
 KM 130/140 to 130/970 (830M) LHS



PROPOSED 200MM DIA UPVC PIPE  
 GRAVITY MAIN  
 ALONG THE ROAD  
 KM 130/010 to 130/080 (70M) LHS

NOTE : 1. MH-910 to MH-912 Inner Dia 1.20m x Outer Dia 1.55m x Depth 2m to 2.5m

**PROJECT DIRECTOR**  
 NATIONAL HIGHWAYS AUTHORITY OF INDIA  
 PIU - THANJAVUR

**Construction Manager**  
 CMSC Trichy Project  
 STC - Tiruchirappalli

**Team Leader**  
 CMSC Trichy Project  
 STC - Tiruchirappalli

**EXECUTIVE ENGINEER**  
 Tiruchirappalli City Corporation

**CITY ENGINEER**  
 Tiruchirappalli City Corporation