



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
दूरभाष/Tel: +91-452-258 8999 वेब/Website: www.nhai.gov.in ई-मेल/E-mail: romadurai@nhai.org



NHAI/15018/3.3/02/2023/RO-Madurai/743

12th May, 2023

INVITATION OF PUBLIC COMMENTS

Sub: NHAI, Madurai Region - PIU, Karaikudi - Proposal seeking permission for laying of 110KV Underground Electrical Cable along the road from Km.45/810 to Km.46/740; Km.46/812 to Km.46/827; Km.46/929 to Km.46/942 (RHS) & Km.47/025 to Km.47/789; Km.47/891 to Km.47/906; Km.48/038 to Km.48/137 (LHS) by Open Trench Method and from Km.46/740 to Km.46/812; Km.46/827 to Km.46/929(RHS); Km.47/789 to Km.47/891; Km.47/906 to Km.48/038; Km.48/137 to Km.48/205 (LHS) & across the road at Km.45/800 & Km.47/025 by Trenchless Method with a provision of duct 2.60m X 1.65m in 6 locations on Madurai - Ramanathapuram section of NH 49 road- Public Comments Invited - Reg.

The proposal received from PD, Karaikudi vide letter No. Lr. No. NHAI/PIU/Karaikudi/11033/UG-EB-MNM/2023/442 dt 29.03.2023. there by requesting permission for laying of 110KV Underground Electrical Cable along the road from Km.45/810 to Km.46/740; Km.46/812 to Km.46/827; Km.46/929 to Km.46/942 (RHS) & Km.47/025 to Km.47/789; Km.47/891 to Km.47/906; Km.48/038 to Km.48/137 (LHS) by Open Trench Method and from Km.46/740 to Km.46/812; Km.46/827 to Km.46/929(RHS); Km.47/789 to Km.47/891; Km.47/906 to Km.48/038; Km.48/137 to Km.48/205 (LHS) & across the road at Km.45/800 & Km.47/025 by Trenchless Method in Madurai - Ramanathapuram section of NH 49 in the State of Tamil Nadu proposed by, SE, TANTRANSOCO, GCC, Madurai.

2) The alignment proposed by SE, TANTRANSOCO, GCC, Madurai. requesting permission for laying of 110KV Underground Electrical Cable along the road from Km.45/810 to Km.46/740; Km.46/812 to Km.46/827; Km.46/929 to Km.46/942 (RHS) & Km.47/025 to Km.47/789; Km.47/891 to Km.47/906; Km.48/038 to Km.48/137 (LHS) by Open Trench Method and from Km.46/740 to Km.46/812; Km.46/827 to Km.46/929(RHS); Km.47/789 to Km.47/891; Km.47/906 to Km.48/038; Km.48/137 to Km.48/205 (LHS) & across the road at Km.45/800 & Km.47/025 in Madurai - Ramanathapuram section of NH 49 in the State of Tamil Nadu detailed under;

Stretch in Km	Length in Meters	Available ROW (in Meter)	Distance of laying from C/L (in Meter)		Remarks
			LHS	RHS	
Along NH-49: Km.45/810 to Km.46/740 on RHS	930	45	-	21.5	Open trench method

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Along NH-49: Km.46/740 to Km.46/812 on RHS	72	45		21.5	Trenchless method
Along NH-49: Km.46/812 to Km.46/827 on RHS	15	45	-	21.5	Open trench method
Along NH-49: Km.46/827 to Km.46/929 on RHS	102	45	-	21.5	Trenchless method
Along NH-49: Km.46/929 to Km.46/942 on RHS	13	45	-	21.5	Open trench method
Along NH-49: Km.47/025 to Km.47/789 on LHS	764	45	21.5	-	Open trench method
Along NH-49: Km.47/789 to Km.47/891 on LHS	102	45	19.00	-	Trenchless method
Along NH-49: Km.47/891 to Km.47/906 on LHS	15	45	19.00	-	Open trench method
Along NH-49: Km.47/906 to Km.48/038 on LHS	132	45	19.00	-	Trenchless method
Along NH-49: Km.48/038 to Km.48/137 on LHS	99	45	21.5	-	Open trench method
Along NH-49: Km.48/137 to Km.48/205 on LHS	68	45	21.5	-	Trenchless method
Across NH-49: Km.45/800 (LHS) to Km.45/810 (RHS)	45	45	-	-	Trenchless method
Across NH-49: Km.47/025	45	45	-	-	Trenchless method

3) As mentioned in the PD letter, the ROW is 45m. Strip plan showing the details of proposed laying of OFC enclosed for reference.

4) One Joint Bay location @ Km.48/038 is proposed on the drain for a length of 6.5m which will damage a portion of the RCC drain wall, due to non availability of sufficient land in the said location. After completion of joint bay, the Superintending Engineer, TANTRANSO, GCC, K.Pudur, Madurai has given assurance to restore the damaged portion of RCC Drain wall to its original condition. The cost of Rs.80,456/- towards the damaged portion of RCC Drain has been worked out by the Supervision Consultant.

5) Further due to non-availability of land, it has been proposed to lay the UG electrical cable below the RCC drain at a depth of 2.5m from the bottom of the drain by the trenchless method for a length of 261m from Km.47/789 to Km.48/050.

6) In this instant proposal, as certified by PD, Karaikudi the 110KV Underground Electrical Cable along the road is proposed to be laid at minimum 1.20m below Ground Level which is higher than the Ministry stipulation of minimum 0.6m meter below the ground level.

7) Crossing Proposed by trenchless method (HDD) with encasing pipeline for the entire NH ROW. The encasing pipe will be laid at a minimum depth of 1.60m below Ground Level which satisfies the Ministry stipulation of minimum 1.20 meter.

8) Accordingly, as per Policy Guidelines issued by Ministry vide letter No. RW/NH-33044/29/2015/S&R(R) dated 22.11.2016 and subsequent Amendment dated 17.04.2023, 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:

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

This is issued with approval of Regional Officer-Madurai.

Mahendra Meena
12/05/2023

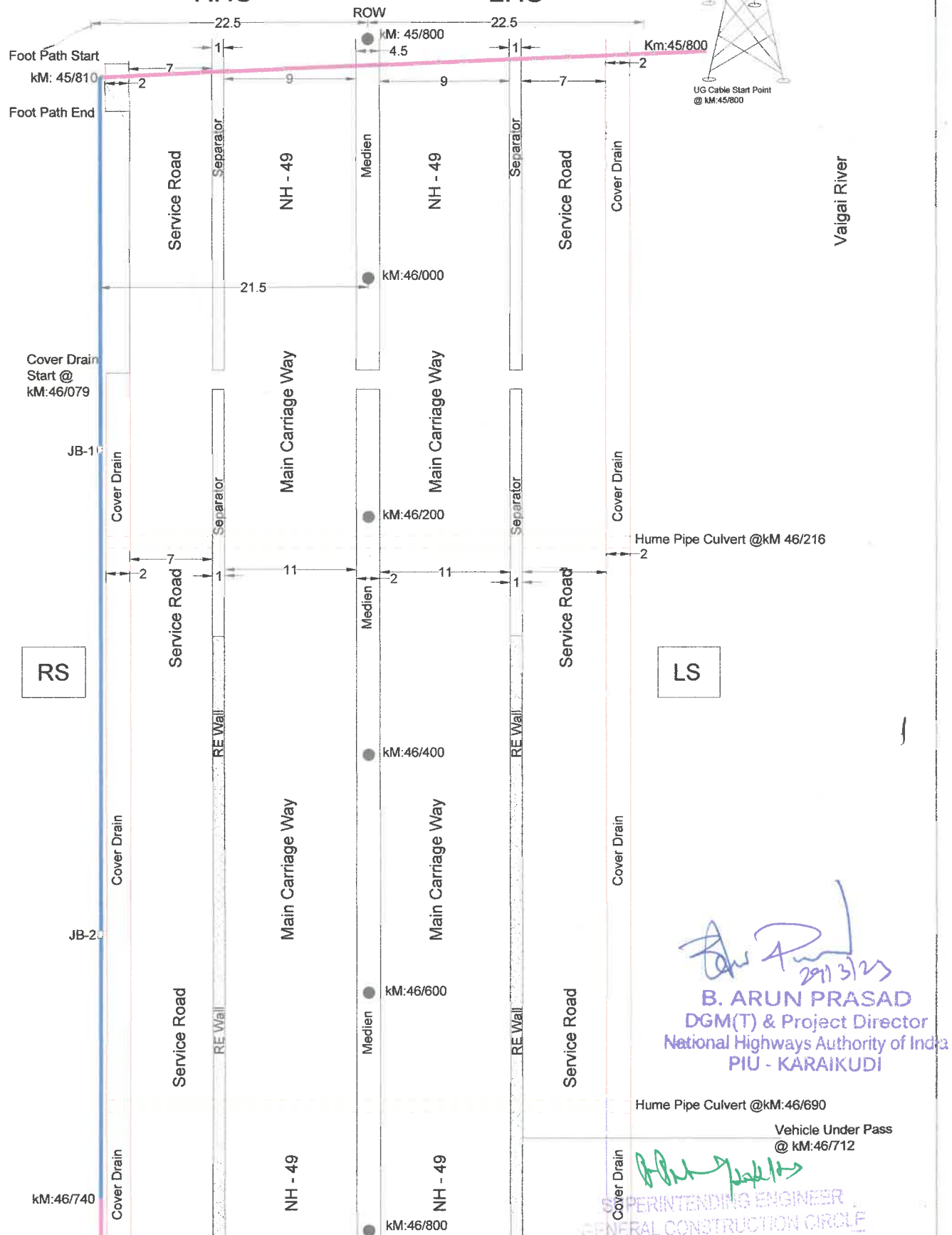
(Mahendra Meena)
Dy. Manager (Tech.,)

Copy to:

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

Rameshwaram

LHS



AE/TL-C-1/TANTRANSCO/KARAKUDI

15/2/23
AEE / TLC / TANTRANSCO / KARAIKUNI

Countersigned
gabriel
11/02/27
Executive Engineer
Transmission Line Construction
Vincennes, IN

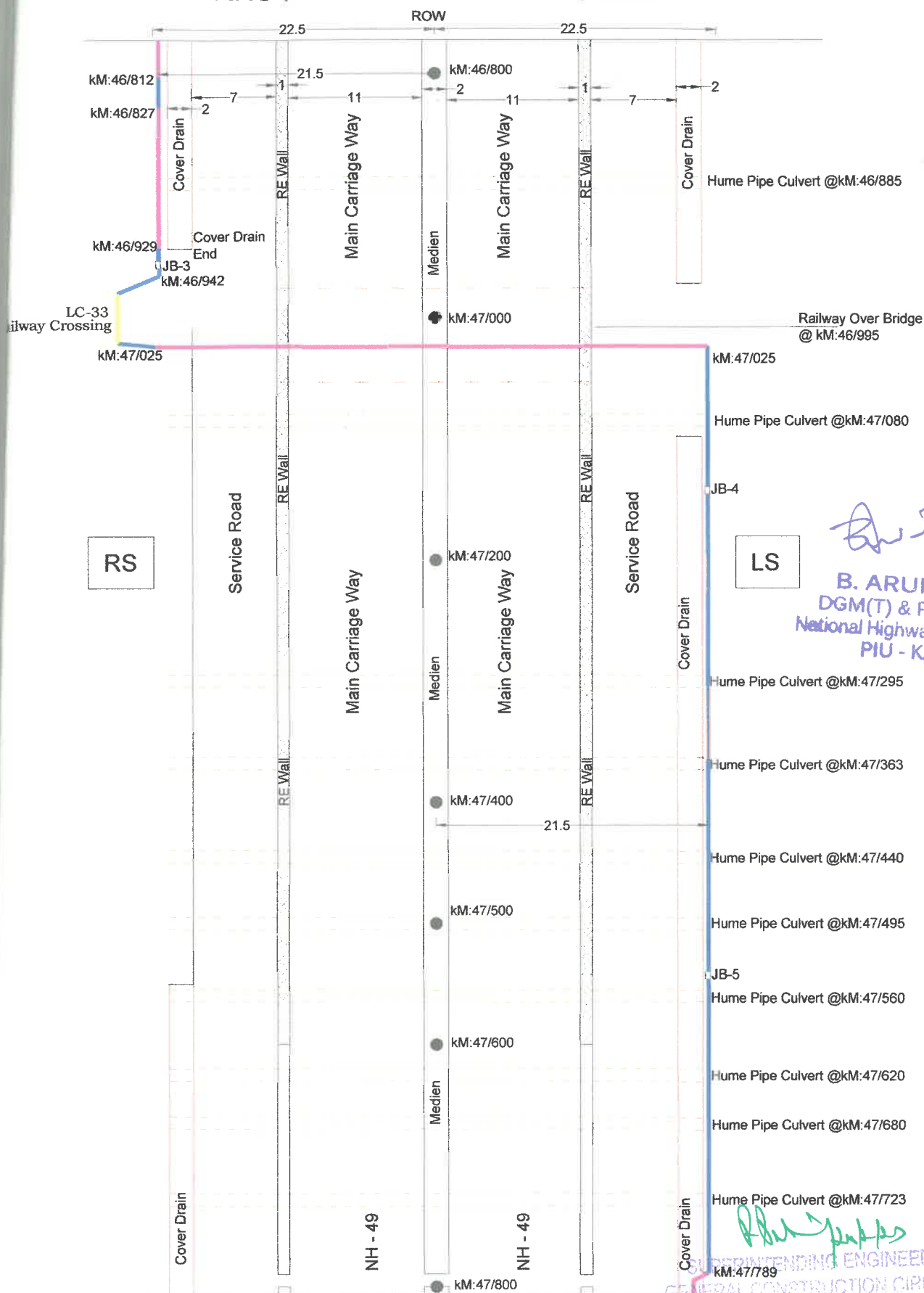
TANTRANSCO
Laying of 110kV UG
Cable from
kM:45/800 to
kM:48/205 of NH-49

TANTRANSCO

Rameshwaram

RHS

LHS



AP 2/13/23

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

Hume Pipe Culvert @kM:47/295

Hume Pipe Culvert @kM:47/363

Hume Pipe Culvert @KM:47/440

Hume Pipe Culvert @kM:47/495

JB-5
Hume Pipe Culvert @kM:47/560

Hume Pipe Culvert @kM:47/620

Hume Pipe Culvert @kM:47/680

Hume Pipe Culvert @kM:47723

km:47/789

Proposed Cable Line

Trenchless / HDD

Hume Pipe Culvert

Vehicle Under Pass

Rail Over Bridge / Minor Bridge

AE/TLC-I/TANTRANSCO/KARAIKUDI

AEE / TLC / TANTRANSCO / KARAUKUDI

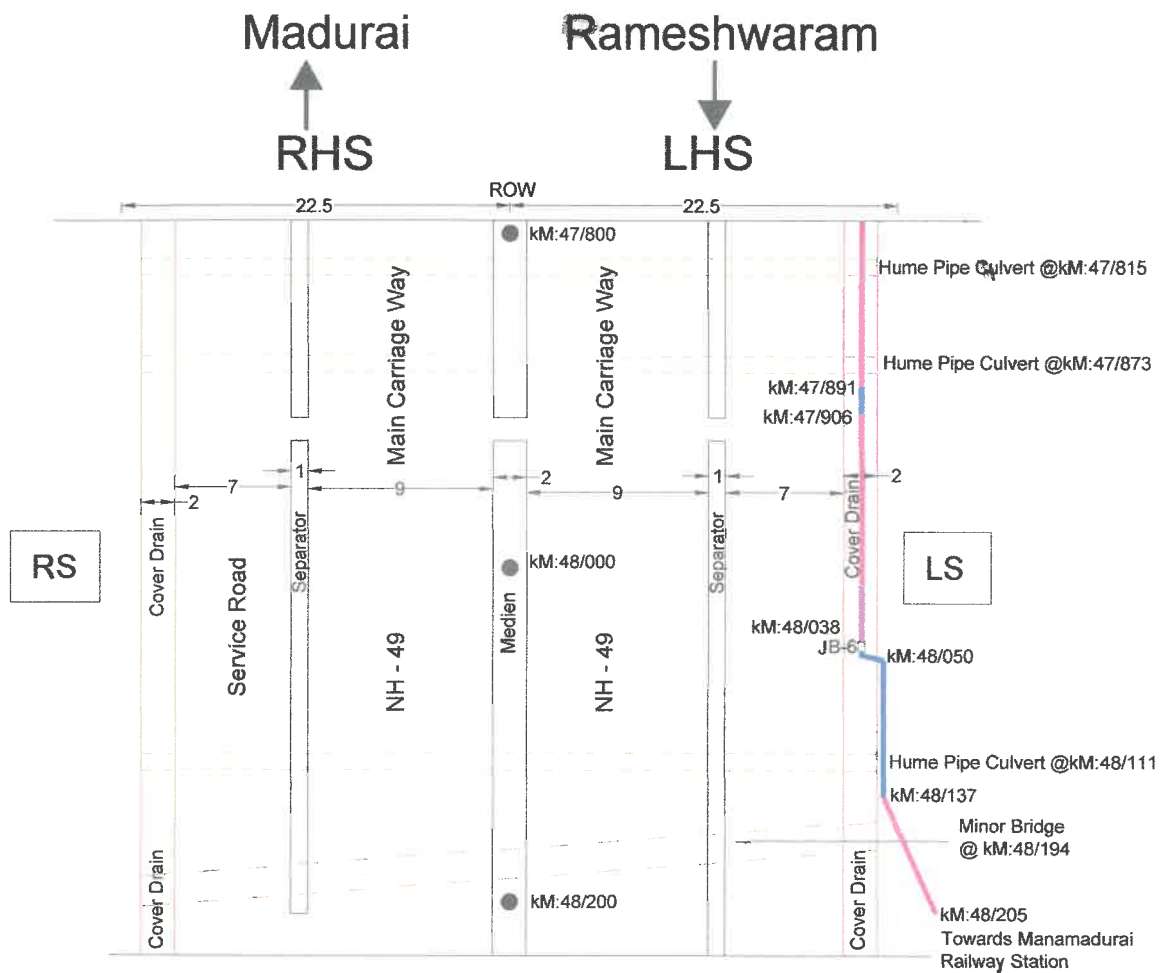
Countersigned

Executive Engineer

Transmission Line Construction
Virudh nagar

TANTRANSCO

Laying of 110kV UG
Cable from
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[Signature]
 SUPERINTENDING ENGINEER
 GENERAL CONSTRUCTION CIRCLE
 TANTRANSO, MADURAI-2

[Signature]
 AE/T.C-I / TANTRANSO / KARAUKUDI

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 AEE / TLC / TANTRANSO / KARAUKUDI

Countersigned
[Signature]
 Executive Engineer
 Transmission Line Construction
 Virudhunagar

- Proposed Cable Line
- Trenchless / HDD
- Hume Pipe Culvert
- Vehicle Under Pass
- Rail Over Bridge / Minor Bridge

[Signature]
 29/3/23
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 Laying of 110KV UG
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