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भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
(सड़क परिवहन और राजमार्ग मंत्रालय)
National Highways Authority of India
(Ministry of Road Transport & Highways)
क्षेत्रीय कार्यालय, मदुरै / Regional Office, Madurai
2nd & 3rd Floor, Vijay Krishna Plaza, No. 1 Lake Area, Melur Main Road, Mattuthavani, Madurai-625 007



BHARATMALA
ROAD TO PROSPERITY

NHAI/15018/4.8.1/2019/RO Madurai/789

16th May, 2020

INVITATION OF PUBLIC COMMENTS

Subject: NHAI- RO Madurai - PIU, Tuticorin, Four laning of Tuticorin - Tirunelveli section of from Km 0/000 to Km 47/250 of NH-7A (new NH- 138) in the State of Tamil Nadu - NOC for crossing of 400 KV DC Transmission line from SEPC Power plant Tuticorin to Thennampatti SS Overhead line Crossing at Km 10/550 of NH-7A - Reg.

The proposal is regarding Permission for crossing of 400 KV DC Transmission line from SEPC Power plant Tuticorin to Thennampatti SS Overhead line Crossing at Km 10/550 of NH-7A (New No. NH-138) requested by Superintendent Engineer, TANTRANSCO, Madurai to PD, Tuticorin and the same was submitted to this office by the PD, NHAI, Tuticorin vide letter No. NHAI/PIU/TUT/NH-138/190 dated 19.03.2020 in accordance with Ministry's latest guidelines dated 22.11.2016 and following are observed:-

- The alignment proposed by Superintending Engineer, TANTRANSCO, Madurai for crossing of 400 KV DC Transmission line from SEPC Power plant Tuticorin to Thennampatti SS Overhead line Crossing at Km 10/550 of NH-7A (New No. NH-138) in the State of Tamil Nadu as details under;

Sl. No	Stretch	Available ROW (in Meter)		Proposal
		LHS	RHS	
1	Crossing at Km 10/550 (Angle of Crossing 74°)	30	30	The 400 KV DC towers (2 nos.) are proposed to be erected outside ROW, at a distance of 133m from Centerline on RHS and at a distance of 74m from Centerline on LHS The vertical clearance between road top level and the proposed tower cable is 23.20 m and span between two towers is 207 m.

- The minimum vertical clearance is needed as per Rule 77, Indian Electricity Rules, 1956 / Manual on Transmission lines published by Central Board of Irrigation & Power Para 4.4.1 - Ground Clearance (table-4) for DC Voltage / Power Grid Corporation of India Ltd Sl. No.VII, General Notes on Tower Spotting data for 400 KV line is 18.8 m. Further, the maximum span between two tower lines as per Power Grid Corporation of India Ltd Sl. No.VII, General Notes on Tower Spotting data for 400 KV line is 250 m. As such the proposal is also in conformity in respect of vertical clearance criteria and span criteria.

Amr

4. Superintending Engineer, TANTRANSCO, Madurai has furnished necessary undertaking that they will shift the electric lines within 90 days (or as specified by the respective agency/owner) from the date of issue of the notice by the NHAI, Govt. of India to shift/relocate the overhead electrical lines. Further, it is mentioned that in case, it is so required for the purpose of improvement/widening of the road/route/highway or construction of flyover/bridges and restore the road/land to its original condition at its own risk and cost. Further, an undertaking has also been furnished by the applicant that they will pay the fee/rent as mentioned in the Ministry Guidelines dated 22.11.2016 as and when asked by NHAI.
5. As per the guidelines issued by the Ministry vide letter No.RW/NH-33044/29/2015/ S&R(R) dated 22.11.2016, the proposal submitted by Superintending Engineer, TANTRANSCO, Madurai will be made available for 30 days seeking public comments/objections and the comments shall be furnished within 30 days from the day of closure of public objections.

In view of the above, comments of the public on the above proposal are invited and may be sent to the below mentioned address:

The 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.

K. Govindasamy
(Govindasamy K) 16/5/2020

Deputy General Manager (Tech.,)

For Regional Officer

Copy to:

1. Web Admin, NHAI HQ - for uploading in the website
2. The NIC, New Delhi - for uploading in the Ministry's website.
3. The PD, Tuticorin - for information.

(Govindasamy K)
Deputy General Manager (Tech.,)
For Regional Officer

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