

No.RW-MD/TN/NH 49-Extn/Genl/22/97
GOVERNMENT OF INDIA
MINISTRY OF ROAD TRANSPORT & HIGHWAYS
Chief Engineer cum Regional Office,
C-1-A, Rajaji Bhavan, Besant Nagar, Chennai- 600090.
Telefax Off: 24919341, 24916032.

Date: 19.07.2018

Invitation of public comments

Subject: Permission Proposal for laying underground Optical fiber cable along the NH from Km 45/000 to 72/600 (LHS), Km 67/940-68/850 (RHS), Km 72/600 to 73/200 (RHS) and across @ Km 54/815, Km 55/375, Km 58/038, 58/050, Km 62/110, Km 62/190, Km 65/450, Km 65/470, Km 67/940, Km 68/850, Km 68/860, Km 72/600 & Km 73/175 (Madurai - Kochi road) of NH 49 Extn (New NH 85) - in the State of Tamil Nadu - Regarding.

The proposal is regarding permission for laying of Optical fiber cable by M/s Reliance Jio Infocomm Ltd., along the NH from Km 45/000 to 72/600 (LHS), Km 67/940-68/850 (RHS), Km 72/600 to 73/200 (RHS) and across @ Km 54/815, Km 55/375, Km 58/038, 58/050, Km 62/110, Km 62/190, Km 65/450, Km 65/470, Km 67/940, Km 68/850, Km 68/860, Km 72/600 & Km 73/175 (Madurai - Kochi road) of NH 49 Extn (New NH 85) was submitted to this office by the SE(NH), Madurai vide letter No.1511/2018/JDO dated 04.06.2018 (received on 08.06.2018).

2.The alignment proposed by M/s Reliance Jio Infocomm Ltd., Chennai is to lay the Optical fiber cable along the NH from Km 45/000 to 72/600 (LHS), Km 67/940-68/850 (RHS), Km 72/600 to 73/200 (RHS) and across @ Km 54/815, Km 55/375, Km 58/038, 58/050, Km 62/110, Km 62/190, Km 65/450, Km 65/470, Km 67/940, Km 68/850, Km 68/860, Km 72/600 & Km 73/175 (Madurai - Kochi road) of NH 49 Extn (New NH 85) i.e. in a length of 29402m as detailed under:

Stretch in Km	Length (Km)	ROW (m)	Dist. of Prop. Optical fiber cable from Centre of NH (m)
LHS - size of pipe - 40 mm dia HDPE pipe (Km 45/000-72/600 & 67/940-73/800)			
45/000-45/500	0.500	Varies 16-20	Varies 7.5 to 9.5
45/500-47/900	2.400	Varies 16-22	Varies 7.5 to 10.5
47/900-49/900	2.000	Varies 16-28	Varies 7.5-13.5
49/900-50/000	0.100	40	19.5
50/000-53/000	3.000	Varies 11-22	Varies 5.5 to 10.5
53/000-53/500	0.500	Varies 23-36	Varies 11.5 to 17.5
53/500-53/700	0.200	Varies 16-20	Varies 7.5 to 9.5
47/900-49/900	2.000	Varies 16-28	Varies 7.5 to 13.5
49/900-50/000	0.100	40	Varies 7.5 to 13.5
55/100-55/300	0.200	Varies 35-44	Varies 17.5 to 21.5
55/300-58/000	2.700	Varies 18-26	Varies 8.5 to 12.5
58/000-58/400	0.400	30	14.5
58/400-58/500	0.100	10	4.5
58/500-67/700	9.200	Varies 15-26	Varies 7.5 to 12.5
67/700-68/000	0.300	Varies 26-34	Varies 12.5 to 16.5
68/000-71/900	3.900	Varies 15-32	Varies 7.5 to 15.5
71/900-72/100	0.200	Varies 54-56	Varies 26.5 to 27.5
72/100-72/600	0.500	Varies 22-32	Varies 10.5 to 15.5
RHS-size of pipe - 40mm dia HDPE pipe (km. 67/940-68/860, 73/600-73/800 & 73/000-73/200)			
67/940-68/600	0.920	Varies 18-25	Varies 9.00-10.5
68/600-68/860	0.260	Varies 24-26	Varies 11.5 to 12.5
72/600-73/200	0.600	Varies 24-26	Varies 11.5 to 12.5
Across - Size of pipe - 150mm RCC casing pipe & 40mm PLB Pipe			
Km. 54/815, Km. 55/375, Km. 58/038, Km. 58/050, Km. 62/110, Km. 62/190, Km. 65/450, Km. 65/470, Km. 67/940, Km. 68/850, Km. 68/860, Km. 72/600, and Km. 73/175.			

3. The right of way varies from 10m -56m in the aforesaid stretch. The carriageway width of aforesaid stretch is 10m. M/s Reliance Jio Infocomm Ltd., Chennai has proposed to lay the Optical fiber cable at the edge of the ROW for a length of 29402m. However, out of the aforesaid length, in 28702 Km the Optical fiber cable is proposed to be laid at a distance less than 15m which is not in conformity with Ministry's guidelines vide letter No.NHIII/P/66/76 dated 19.11.1976. Further, M/s Reliance Jio Infocomm Ltd., Chennai has mentioned that the OFC is proposed to lay by using *Trenchless Technology* where the distance is less than 15m from the center line of the carriageway and at acrossings in Km. 54/815, Km. 55/375, Km. 58/038, Km. 58/050, Km. 62/110, Km. 62/190, Km. 65/450, Km. 65/470, Km. 67/940, Km. 68/850, Km. 68/860, Km. 72/600, and Km. 73/175, the OFC is proposed to lay by HDD method at a depth of 1.65m from the bottom of the road.

4. M/s Reliance Jio Infocomm Ltd., Chennai has furnished an undertaking to the effect that M/s Reliance Jio Infocomm Ltd., Chennai will remove the laid OFC line in future if required by NH wing of State Highways Department/MoRTH Govt. of India at any time for expansion of the NH at their own cost without claiming any compensation from NH wing of Tamil Nadu/MoRTH Govt. of India and any right on the NH land. Further, mentioned that M/s Reliance Jio Infocomm Ltd., Chennai will also restore the surfaces to its original condition soon after removal of the OFC lines. Also, certified that the proposed Optical fiber cable work will not affect the design, stability, traffic safety and future improvement of the proposed stretch.

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 relaxation application submitted by the applicant will be made available for public comments and the comments will be invited within 30 days from the day of uploading.

In view of the above, comments of the public on the above proposal requiring relaxation from distance criteria is invited to the below mentioned address:

The Regional Officer
Office of the Chief Engineer cum Regional Officer,
Chennai
Ministry of Road Transport & Highways,
C-1-A, Rajaji Bhavan, Besant Nagar, Chennai- 600 090

Encl: As Above.

Yours faithfully,

(Ellavarason)
Superintending Engineer
For Chief Engineer-RO

Copy to:

1. The NIC, New Delhi - for uploading in the Ministry's website.
2. The CE, NH Chennai - for information


(Ellavarason)
Superintending Engineer
For Chief Engineer-RO