

भारतसरकार (GOVERNMENT OF INDIA)  
रेलमंत्रालय (MINISTRY OF RAILWAYS)  
रेलवेबोर्ड (RAILWAY BOARD)

No.2010/Tele/3(5)/1Pt(3346793)

New Delhi, dated: 29.09.2022

General Manager,  
All Indian Railways.

Sub: Frequent cuts in OFC and Quad cable on account of various works in Railway premises.

Ref: (i) Railway Board letter No. 2003/Tele/RCIL/1 Pt.IX New Delhi dated 14.01.2022.


(ii) Telecom Circular No. 17/2013 issued vide Letter No. 2003/Tele/RCIL/1 Pt IX dated 24.06.2013.

(iii) Railway Board letter of even no. dated 17.08.2022.

Various works such as doubling, LHS, boundary walls, yard remodelling, electrification etc. are being taken up on large scale by the zonal railways. During the execution of these works, OFC and Quad cables get cut frequently. Important communication and safety circuits like video conferencing, train control communication, BPAC, FOIS etc. get affected because of these frequent cuts. It has been observed that the number of cable cuts has increased over the last few months. Apart from disruption of services, these cuts introduce losses in the cable degrading the life of the cable.

Zonal Railways are therefore advised to take the following steps to reduce the OFC/Quad cable cuts on account of these works:

- Ensure proper coordination between various departments undertaking any work near/ along the track.
- Ensure strict compliance of the JPO issued vide Telecom Circular No 17/2013 for undertaking any digging work in the vicinity of the cables.
- Ensure provision for shifting of the cable/utility is kept in estimate while sanctioning any work involving digging in the vicinity of the cable.
- In case of sanctioned estimates where such provision is not there, Railways shall make use contingency or revise the estimate to shift the cables. All cables shall be shifted/ protected before starting the digging work.
- Ensure provision of Updated Cable Route Plans as communicated vide Railway Board's letter No 2010/Tele/3(5)/1.Pt.(3346793) dated 17.08.2022 (copy enclosed).
- Ensure marking of cable zone at site by executing agency before undertaking the work.

  
(Sudhanshu Sharma)  
Member (Infrastructure)  
Railway Board

Telephone: 011-47843124/43124  
Email: mi@rb.railnet.gov.in