


CHIEF ENGINEER'S CIRCULAR NO. 1

Sub: Vulnerable locations – provision of Buffer Rails.

Long Welded Rails are now being used extensively. It is desirable to provide SEJs at the end of Long Welded Rails to allow expansion and contraction of breathing length. However, SEJ cannot be provided at certain locations and provisions of Buffer rails is envisaged for such locations in accordance with Para 1.6 of LWR Manual.

While the provisions of LWR manual regarding Buffer Rails shall continue to be in force, Buffer Rails should not be allowed on vulnerable locations like 500 metre length on both side approaches of tunnels, tunnel proper, major and important bridges including bridge proper, deep cuttings and high embankments.

This circular is issued as per guidelines contained in Board's letter No.2002/CE-II/PRA/9/Pt.(CRS) dated 8.5.03.


29.5.03
(K. Gangopadhyay)
Chief Engineer.

No.W/7/636/Pt.I/ 8073

Dated: 29.05.03

Distribution :-

All HODS
All Dy.HODs
Sr.DENs(Co-ordn) KUR, WAT & SBP.

1424
288

(2)

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1

GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS
(RAILWAY BOARD)

No. 2002/CE-II/PRA/9/Pt.(CRS)

New Delhi, dt. 8.5.03

E CoR

The Principal Chief Engineers,
All Railways.

Sub : Buffer Rails

Long Welded Rails are now being used extensively. It is desirable to provide SEJs at the end of Long Welded Rails to allow expansion and contraction of breathing length. However SEJ cannot be provided at certain locations and provisions of Buffer rails is envisaged for such locations in accordance with Para 1.6 of LWR Manual.

While the provisions of LWR manual regarding Buffer Rails shall continue to be in force, Zonal railways are directed that Buffer Rails should not be allowed on vulnerable locations like 500 metre length on both side approaches of tunnels, tunnel proper, major and important bridges including bridge proper, deep cuttings and high embankments.

Please treat the matter as URGENT. Acknowledgment and compliance may be sent urgently.

8/5/03

(H.L. Suthar)
Jt. Director Civil Engg. (P)
(Railway Board)

CISE/COLE (TPODS)