GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS
(RAILWAY BOARD)

No 2002/CE-I/BRO/64 (Policy)

General Manager
All Indian Railways

New Delhi; dt 17/02/08

Sub: Amendment of Para 1816 (iii)E of Indian Railways Code for
The Engineering Department 1999 (Third Re-Print)

In order to clearly specify the total bridge deck width in case when crash barriers/footpaths are provided keeping in conformity with the existing provisions of IRC and MOSRTH stipulations, Railway Board have decided to amend Para 1816 (iii)E of Indian Railways Code for Engineering Department -1999 (Third Re-Print) as under;

"For two lane bridge on other than National Highways, the bridge width shall provide for 7.5m carriageway plus a minimum of 1.5m footpath on either side wherever required as per provisions of IRC-5, 1998. For two lane bridges on National Highways, the overall width shall be provided equal to the full roadway width of approaches subject to a limit of 10m for hill roads, and 12m for other cases inclusive of crash barrier and/or footpath. The carriageway shall be 9.5m wide with two raised kerbs of 0.75m OR 7.8m with two footpaths of 1.5m each on either side; total width limited to 12m between the outer faces of railing kerbs inclusive of the crash barrier. For four lane bridges on National Highways, the overall width of bridge deck shall be limited to roadway width approaches with distance between the inner kerb lines in the median portion equal to the median width of the approaches; total width limited to 24m (9.75+4.5+9.75) between the outer faces of railing kerbs. The provision of cross slopes, median, footpath width, crash barrier shall be as per stipulations & requirements of MOSRTH Circular No.RW/NH/33044/2/88/ S&R dt 09/05/2000 read alongwith the provision of clause 112 of IRC.5-1998".

(This supersedes Railway Board's letter of even number dt 30/09/2002)

This issues with the concurrence of the Finance Directorate of Ministry of Railways.

Please acknowledge receipt.

(J.S. Sondhi)
EDCE(RCF)

Copy to:
Chief Administrative Officer (Cons), All Indian Railways
Principal Chief Engineers, All Indian Railways, for information to
DG/RSC Vadodara, Director IRICEN- Pune, Director IRISET – Secunderabad, and other Centralised Training Institutes.