GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS
(RAILWAY BOARD)


Principal Chief Engineer &
Chief Administrative Officer/Const.,
All Zonal Railways.

Sub: Width of Road Over Bridges to be constructed on cost sharing basis.

Para 1816 (iii) of engineering code stipulates about the width of Road, Footpath etc. to be adopted for construction of ROB on cost sharing basis in lieu of level crossings. However, it has come to the notice of the Board that in some of the cases it has not been followed. The said para of engineering code is reiterated below:

Para 1816 (iii) of engineering code-

- For two Lane Bridge 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 bridge 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 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 along with the provision of clause 112 of IRC: 5-1998.

Zonal Railways are advised to strictly follow the above para for construction of ROBs on cost sharing basis.

[A.K. Singhal]
Executive Director CE (B&S)