

एम०के० गुप्ता
का निदेशक / पु०सं०
M.K. GUPTA
Exe.Dir/B&S

जारी किया
सिद्धार्थ
23/9/10



सत्यमेव जयते

भारत सरकार - रेल मंत्रालय
अनुसंधान अभिकल्प और मानक संगठन
मानकनगर, लखनऊ - 226011

Government of India-Ministry of Railways
Research Designs & Standards Organisation
Manak Nagar, Lucknow- 226011
Telefax : 0522-2450398

S.No. 7

No.CBS/PATHWAY

Dated: 22-09-2010

23

Principle Chief Engineer/C.A.O.(Constr.)

- Central Railway, Mumbai CST-400 001.
- Eastern Railway, Fairlie Place, Kolkata-700 001.
- East Central Railway, Hajipur-844 101.
- East-Coast Railway, Bhubaneshwar-751 016.
- Northern Railway, Baroda House, New Delhi-110 001.
- North-Central Railway, Allahabad-211 001.
- North Eastern Railway, Gorakhpur-273 001.
- North-Western Railway, Near Jawahar Circle, Malviy Nagar, Jaipur-302 006.
- Northeast Frontier Railway, Maligaon, Guwahati-781 061.
- Southern Railway, Park Town, Chennai-600 003.
- South Central Railway, Rail Nilayam, Secunderabad-500 371.
- South East Central Railway, Bilaspur-495 004.
- South Eastern Railway, Garden Reach, Kolkata-700 043.
- South-West Railway, Hubli-580 023.
- Western Railway, Mumbai-400 020.
- West-Central Railway, Jabalpur-482 001.

Sub: Man Refuge on through open web girder bridges

Ref: i) AMCE/Rly Board's letter No.2009/CE-I/BR/Safety(MR) dt.9.12.09 & 27.7.10 -S.No.2.

ii) This office letter of even no. dated 24.08.2010 -S.No.4

Presently no man refuges are provided on through girder bridges. The distance between trolley refuges is 100m as per SOD. With the increase in number of trains and its speed at times it becomes very difficult for the Railway men working on bridge to protect themselves from the approaching train. It was desired by Board to provide additional protection measures for the safety of Railway staff working on bridge. The standard design of man refuges has been finalized and enclosed herewith for providing man refuges on through existing girder bridges as well as on new bridges under construction. The drawing was issued vide RDSO's letter referred above. Some minor modification have now been done as mentioned below:

- Specifying the number & location of man refuges in each standard span of through open web girder bridge.
- Provisions of drainage holes on man refuge.
- Specifying the slope of 1 in 200 in top plate of man refuge, away from track centre.

Acknowledgement of this letter and drawing may kindly be sent.

(M.K. Gupta)

342716

Encl:As above

Copy to:

- Addl.Member(Civil Engg.), Railway Board, Rail Bhavan, New delhi-110 001
- Exe.Director(Civil Engg.)/B&S, Railway Board, Rail Bhavan, New delhi-110 001
- Director, IRICEN, Pune-411 001
- Chairman Cum M.D., KRCL, Belapur Bhawan, Plot No.6, Sec-11, CBD Belapur, New Mumbai-614.
- Managing Director, IRCON, Plot No.C-4, District Centre, Saket New delhi-110017
- Managing Director,RVNL, 1st Floor, August Kranti Bhawan, Bhikaji Kama Place, Africa Avenue Road, R.K.Puram, New Delhi-110 066