



सत्यमेव जयते

No. CBS/PBR

Dated 22.06.2017

Principal Chief Engineer:

1. Central Railway, Mumbai CST-400 001.
2. Eastern Railway, Fairlie Place, Kolkata-700 001.
3. East Central Railway, Hazipur-844 101.
4. East-Coast Railway, Bhubaneshwar-751 016.
5. Northern Railway, Baroda House, New Delhi- 110 001.
6. North-Central Railway, Allahabad-211 001.
7. North Eastern Railway, Gorakhpur-273 001.
8. North-Western Railway, Jaipur-302 001.
9. Northeast Frontier Railway, Maligaon, Guwahati-781 011.
10. Southern Railway, Park Town, Chennai-600 003.
11. South Central Railway, Rail Nilayam, Secunderabad-500 371.
12. South East Central Railway, Bilaspur-495 004
13. South Eastern Railway, Garden Reach, Kolkata-700 043
14. South-West Railway, Hubli-580 023.
15. Western Railway, Mumbai-400 020.
16. West-Central Railway, Jabalpur-482 001.

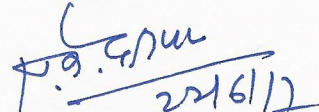
**Sub:** Addendum and Corrigendum Slip No.-47 to IRS Bridge Rules.

**Ref:** Railway Board letter No.2013/CE-III/BR/LWR over Bridge. dated 20.06.2017.

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In reference to above, Addendum and Corrigendum Slip No. - 47 dated 22.06.2017 to IRS Bridge Rules is being sent for your information and necessary action please.

**Encl.:** Copy of A&C Slip No. 47  
To IRS Bridge Rules.

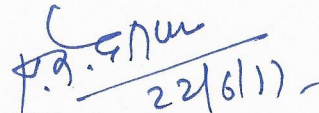
  
(A K Dadarya)  
Executive Director (B&S)  
R.D.S.O., Lucknow

Copy to :

- I OSD/ME for kind information of Member Engineering, Railway Board, Rail Bhavan, New Delhi-110001.
- II The Chief Commissioner of Railway Safety, N.E. Railway Office Compound, Ashok Marg, Lucknow-226002.
- III Additional Member (Civil Engg.), Railway Board, Rail Bhavan, New Delhi-110001.
- IV Additional Member (Works), Railway Board, Rail Bhavan, New Delhi-110001.
- V Director, IRICEN, Pune-410001.

- VI Executive Director Civil Engg.(B&S), Railway Board, Rail Bhavan, New Delhi-110001.
- VII The General Manager (C), N.F. Railway, Maligaon, Guwahati-781001.
- VIII Chief Engineer, Metro Railway, Jawahar Lal Nehru Road, Kolkata-700 071.
- IX Chief Administrative Officer (Constn.)/CAO (Const.):
- i) Central Railway, New Administrative Building, Mumbai CST-400 001.
  - ii) Eastern Railway, 14, Strand Road, Kolkata-700 001.
  - iii) East Central Railway, Mahendru Ghat, Patna-04 (Bihar).
  - iv) East Coast Railway, Bhubaneshwar-751 016 (Orissa).
  - v) Northern Railway, Kashmere Gate, Delhi-110 006.
  - vi) North Central Railway, Allahabad-211 001 (U.P.).
  - vii) North Eastern Railway, Gorakhpur-273 001.
  - viii) Northeast Frontier Railway, Maligaon, Guwahati-781 011.
  - ix) North Western Railway, Jaipur-482 001 (Rajasthan).
  - x) Southern Railway, Egmore, Chennai-600 003.
  - xi) South Central Railway, Rail Nilayam, Secunderabad-500 371.
  - xii) South Eastern Railway, Garden Reach, Kolkata-700 043.
  - xiii) South East Central Railway, Bilaspur-495 004.
  - xiv) South Western Railway, 18, Miller Road, Bangalore-560 046.
  - xv) Western Railway, Churchgate Station Building, Mumbai-400 020.
  - xvi) West Central Railway, Jabalpur-482 001 (M.P.).
  - xvii) Metropolitan Transport Project (Railways), Egmore, Chennai-600003.
  - xviii) Metro Railway, Metro Rail Bhavan, 33/1, Chowringhee Road, Kolkata.
- X Chief Bridge Engineers:
- i) Central Railway, Mumbai CST-400 001.
  - ii) Eastern Railway, Fairlie Place, Kolkata-700 001.
  - iii) East Central Railway, Hazipur-844 101.
  - iv) East-Coast Railway, Bhubaneshwar-751 016 (Orissa).
  - v) Northern Railway, Baroda House, New Delhi- 110 001.
  - vi) North-Central Railway, Allahabad-211 001.
  - vii) North Eastern Railway, Gorakhpur-273 001.
  - viii) North-Western Railway, Jaipur-302 001.
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  - xiii) South Eastern Railway, Garden Reach, Kolkata-700 043
  - xiv) South-West Railway, Hubli-580 023.
  - xv) Western Railway, Mumbai-400 020.
  - xvi) West-Central Railway, Jabalpur-482 001.
- XI The General Manager, Delhi Metro Rail Corporation Ltd., NBCC Place, Bhisma Pitamah Marg, Pragati Vihar, New Delhi-110003.

- XII The Chief Commissioner of Railway Safety, N.E. Railway Office Compound. Ashok Marg, Lucknow-226002.
- XIII Commissioner of Railway Safety:
- i) Central Circle, 2<sup>nd</sup> Floor, Churchgate Station Building Mumbai-400020.
  - ii) Eastern Circle, Multistoreyed Building of Eastern Railway, 12<sup>th</sup> Floor, Strand Road, Kolkata.
  - iii) Northern Circle, near Centre for Railway Information System, Safdarjung Railway Station, New Delhi.
  - iv) North Eastern Circle, DRM Compound, Northern Railway, Hazratganj, Lucknow
  - v) Northeast Frontier Circle, 12 Strand Road, Multistoreyed Building of Eastern Railway, Kolkata.
  - vi) Southern Circle, 7 Seshadri Road, Gandhi Nagar, Bangalore.
  - vii) South Central Circle, Secunderabad.
  - viii) South Eastern Circle, 14 Strand Road, Multistoreyed Building of Eastern Railway, Kolkata.
  - ix) Western Circle, 2<sup>nd</sup> Floor, Churchgate Station Building Annexe, Maharishi Karve Road, Mumbai-400020.
- XIV The Director General, Railway Staff College, Vadodara-390004.
- XV The Managing Director, RITES LTD, RITES Bhawan, Plot No.1, Sect.29, Gurgaon (Haryana)-122001.
- XVI The Managing Director, IRCON, Palika Bhawan, Sector-XIII, R.K. Puram, New Delhi-110066.
- XVII The Chairman & Managing Director, Konkan Railway Corporation Ltd., Belapur Bhavan, Plot No. 6, Sector-II CBD Belapur, Navi Mumbai-400 614.
- XVIII The Managing Director, Rail Vikas Nigam Ltd., C-2/10, Safdarjang Development Area, Arvindo Marg, New Delhi- 110 016.
- IX The Managing Director, DFCCIL, 5<sup>th</sup> Floor, Pragati Maidan Metro Station Building Complex, New Delhi-110001.
- XX ED/Str/RDSO, Dir/SB-I/RDSO, Dir/SB-II/RDSO, Dir/T&I/RDSO, Dir/CB-I/RDSO, Dir/CB-II/RDSO, Jt. Dir/Insp/RDSO, SSE/B&S Library/RDSO.
- Enc.: Copy of A&C Slip No. 47  
To IRS Bridge Rules.

  
(A K Dadarya)  
Executive Director (B&S)  
R.D.S.O., Lucknow

GOVERNMENT OF INDIA  
MINISTRY OF RAILWAYS  
(RAILWAY BOARD)

**BRIDGE RULES**

(IN SI UNITS)

**RULES SPECIFYING THE LOADS FOR DESIGN OF SUPER-STRUCTURE AND  
SUB-STRUCTURE OF BRIDGES AND FOR ASSESSMENT OF THE STRENGTH  
OF EXISTING BRIDGES**

Adopted – 1941

Revised – 1964

Reprinted in 2014

(Incorporating Correction Slips 1 to 46)

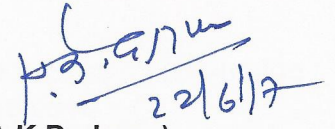
**Addendum and Corrigendum Slip No. 47 dated 22.06.2017**

**Add new para 2.8.1.2:**

When LWR/CWR is continued over a bridge, the Rail Structure Interaction studies shall be carried out for ensuring safety of track. The studies shall be done as per clause 2.8.2.4.3.

Change the heading of para 2.8.2.4.3 from “**Forces due to continuation of LWR/CWR**” to “**Forces and effects due to continuation of LWR/CWR**”

BY ORDER

  
22/6/17

(A K Dadarya)

Executive Director (B&S)  
R.D.S.O., Lucknow