

Abhay Kumar  
अभय कुमार  
Director/B&S/CB-II  
निदेशक/पुल एवं संरचना/सी0बी0-2



भारत सरकार – रेल मंत्रालय  
अनुसंधान अभिकल्प और मानक संगठन  
लखनऊ – 226011  
Government of India-Ministry of Railways  
Research Designs & Standards Organisation  
Lucknow- 226011  
Rly. : 032-42124 Phone / Fax : 0522-2465706  
Email : dbs2rdso@gmail.com

No. CBS/PSBC

Dated: 11.11.2019

**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. Northeast Frontier Railway, Maligaon, Guwahati - 781 061
9. North Western Railway, Jaipur - 302 001
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 & Corrigendum Slip No. 8 to IRS Bridge Sub-Structures and Foundation code on Passive Earth Pressure (Second Revision-2013)

Ref.: Railway Board's letter No. 2015/CE-III/BR/Sub-Structure Code  
Dated:07.11.2019

In terms of above reference, an Addendum & Corrigendum Slip No. 8 to IRS Bridge Sub-Structures and Foundation Code (Second Revision-2013) regarding modification in Para 3.1 of Appendix-V (Clause 6.9.3) is enclosed for information and necessary action please.

Encl: As above.

  
(Abhay Kumar)  
Director/B&S/CB-II  
for ED/Structures/RDSO

**Copy to:**

**(A)**

1. OSD/ME for kind information of Member Engineering, Railway Board, Rail Bhawan, New Delhi - 110001
2. Chief Commissioner of Railway Safety, N.E. Railway Office Compound, Ashok Marg, Lucknow - 226002.
3. Additional Member (Civil Engg.) Railway Board, Rail Bhawan, New Delhi - 110001
4. Additional Member (Works) Railway Board, Rail Bhawan, New Delhi - 110001
5. Advisor (Bridges) Railway Board, Rail Bhawan, New Delhi - 110001
6. Director, Indian Railway Institute of Civil Engg., Pune - 411 001
7. Executive Director Civil Engg./B&S, Railway Board, Rail Bhawan, Room No.140A, New Delhi - 110001
8. General Manager (C), N. F. Railway, Maligaon, Guwahati - 781001
9. The Director General, National Academy of Indian Railways, Vadodara - 390004
10. Chief Engineer, Metro Railway, Jawaharlal Nehru Road, Kolkata - 700071
11. ED/B&S/RDSO, B&S Directorate, RDSO, 2nd Floor, Annexe - II Building, Manak Nagar, Lucknow, Pin - 226011 (UP)

**(B)**

**The Chief Administrative Officer (Construction):**

1. Central Railway, Mumbai CST - 400 001
2. Eastern Railway, Fairlie Place, Kolkata - 700 001
3. East Central Railway, Mahendrughat, Patna (Bihar) - 800 004
4. East Coast Railway, Bhubaneswar, (Orissa) - 751 016
5. Northern Railway, Kashmere Gate, Delhi - 110 006
6. USBRL Project, Northern Railway, Satyam Complex, Trikuta Nagar Extn., Jammu - 180 020
7. North Central Railway, Allahabad, (U.P.) - 211 001
8. North Eastern Railway, Gorakhpur - 273 001
9. North Western Railway, Jaipur, (Rajasthan) - 302 001
10. Southern Railway, Egmore, Chennai - 600008
11. South Central Railway, DRM/Secunderabad Office Compound, Secunderabad - 500 371
12. South Eastern Railway, Garden Reach, Kolkata - 700043
13. South East Central Railway, Bilaspur - 495 004
14. South Western Railway, No. 18 Miller Road, Bangalore, (Karnataka) - 560046
15. Western Railway, Mumbai - 400 020
16. West Central Railway, Jabalpur (M.P.) - 482 001
17. CAO/ERS, Southern Railway, Ernakulam, Kerala - 682506

**(C)**

**Chief Bridge Engineers:**

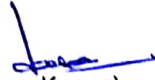
1. Central Railway, Mumbai CST - 400 001
2. Eastern Railway, Fairlie Place, Kolkata - 700 001
3. East Central Railway, Hazipur - 844 101
4. East Coast Railway, Bhubaneshwar - 751 016
5. Northern Railway, Baroda House, New Delhi - 110 001
6. North Central Railway, Allahabad - 211 001
7. North Eastern Railway, Gorakhpur - 273 001
8. Northeast Frontier Railway, Maligaon, Guwahati - 781 061
9. North Western Railway, Jaipur - 302 001
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

**(D) Commissioner of Railway Safety:**

1. Central Circle, 2nd Floor, Churchgate Station Building Mumbai - 400020
2. Eastern Circle, Multistoreyed Building of Eastern Railway, 12th Floor, Strand Road, Kolkata - 700001
3. Northern Circle, near Centre for Railway Information System, Safdarjung Railway Station, New Delhi - 110021
4. North Eastern Circle, DRM Compound, Northern Railway, Hazratganj, Lucknow - 226001
5. Northeast Frontier Circle, 12 Strand Road, Multistoreyed Building of Eastern Railway, Kolkata - 700001
6. Southern Circle, 7 Seshadri Road, Gandhi Nagar, Bangalore - 560009
7. South Central Circle, Opp. Rail Nilayam, Sarojini Devi Road, Secunderabad - 500 071
8. South Eastern Circle, 14 Strand Road, Multistoreyed Building of Eastern Railway, Kolkata-700001
9. Western Circle, 2nd Floor, Churchgate Station Building Annexe, Maharishi Karve Road, Mumbai-400020.

**(E) Railway PSUs & Others:**

1. The Managing Director, RITES LTD, RITES Bhawan, Plot No.1, Sect.29, Gurgaon (Haryana) - 122001
2. The Managing Director, IRCON, Palika Bhawan, Sector-XIII, R.K. Puram, New Delhi - 110066
3. The Chairman & Managing Director, Konkan Railway Corporation Ltd., Belapur Bhawan, Plot No. 6, Sector-II CBD Belapur, Navi Mumbai - 400 614
4. The Managing Director, Rail Vikas Nigam Ltd., 1st floor, August Kranti Bhawan, Bhikaji Coma Place, Africa Road, R.K. Puram, New Delhi - 110 016
5. The Managing Director, DFCCIL, 5th Floor, Pragati Maidan, Metro Station Building Complex New Delhi - 110001
6. The General Manager, Delhi Metro Rail Corporation Ltd., NBCC Place, Bhisma Pitamah Marg, Pragati Vihar, New Delhi - 110003

  
(Abhay Kumar)  
Director/B&S/CB-II  
For ED/structures/RDSO

GOVERNMENT OF INDIA  
MINISTRY OF RAILWAYS  
(Railway Board)

**INDIAN RAILWAY STANDARD  
CODE OF PRACTICE FOR THE DESIGN OF SUB-STRUCTURES AND  
FOUNDATIONS OF BRIDGES**

(IRS BRIDGE SUB-STRUCTURES & FOUNDATION CODE)

ADOPTED-1936  
FIRST REVISION-1985  
Second Revision-2013


Addendum & Corrigendum Slip No. 8 dated 11.11.2019

Para 3.1 of Appendix-V (Clause 6.9.3) to be modified to read as under:

**3.0 WELLS RESTING ON COHESIVE SOILS**

3.1 For wells founded in clayey strata and surrounded by clay below max. scour level, the passive earth pressure shall be worked out by  $c$  &  $\phi$  parameters of the soil as obtained from UU (unconsolidated undrained) test. (For stability against overturning, clause 6.9.3 to be referred)

**Lucknow**  
**Dated:11.11.2019**

**By Order**  
  
**(V.K. Srivastava)**  
**Executive**  
**Director/Structures**  
**B&S Directorate**  
**RDSO/Lucknow**