

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



भारत सरकार - रेल मंत्रालय
अनुसंधान अभिकल्प और मानक संगठन
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Government of India-Ministry of Railways
Research Designs & Standards Organisation
Lucknow- 226011
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No. CBS/PSBC

Dated: 11.08.2017

The Principal Chief 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. North-Western Railway, Jaipur-302 001.
9. Northeast Frontier Railway, Maligaon, Guwahati-781 061.
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-Western Railway, Hubli 580 023.
15. Western Railway, Mumbai-400 020.
16. West-Central Railway, Jabalpur 482 001.

Sub: Addendum & Corrigendum Slip No. 4 to IRS Bridge Substructures and Foundation code (Second Revision-2013).

Ref.: Railway Board's letter No. 2015/CE-III/BR/Sub structure code dated 26.05.2017.

Vide letter under reference above, and in compliance of the Railway Board order, Addendum & Corrigendum Slip No. 4 regarding modification in existing clauses 4.9.2 & 4.9.3 to IRS Bridge Substructures and Foundation Code (Second Revision-2013) is enclosed for information and necessary action please.

Encl.: As above.


(Abhay Kumar)
Director/B&S/CB-II
For Director General



Copy to:

A. The Chief Bridge Engineer :

- 1) Central Railway, Mumbai CST-400 001
- 2) Eastern Railway, Fairlie Place, Kolkata-700 001
- 3) East Central Railway, Hazipur - 844101
- 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-Western Railway, Hubli 580 023
- 15) Western Railway, Mumbai-400 020
- 16) West-Central Railway, Jabalpur- 482 001


B. The Chief Administrative Officer (Constn.):

- 1) Central Railway, Mumbai CST-400 001
- 2) Eastern Railway, Fairlie Place, Kolkata-700 001
- 3) East Central Railway, Mahendrughat, Patna (Bihar)-300 004
- 4) East Coast Railway, Bhubaneshwar, (Orissa)
- 5) Northern Railway, Kashmere Gate, Delhi-110 006
- 6) North Central Railway, Allahabad, (U.P.) – 211 001
- 7) North Eastern Railway, Gorakhpur-273 001
- 8) North Western Railway, Jaipur, (Rajasthan) - 482 001
- 9) Southern Railway, 183, EVR Periyar, High Road, Egmore, Chennai-600 008
- 10) South Central Railway, DRM/ Secunderabad Office Compound, Secunderabad-500 371
- 11) South Eastern Railway, Garden Reach, Kolkata-700043
- 12) South East Central Railway, Bilaspur - 495 004
- 13) South Western Railway, No. 18 Miller Road, Bangalore, (Karnataka) – 560 046
- 14) Western Railway, Mumbai-400 020
- 15) Northern Railway, USBRL Project, Satyam Resort Complex, Trikuta Nagar Extn., Jammu Tawi – 180 012.
- 16) Southern Railway, Ernakulam, Kerala – 682 506
- 17) West Central Railway, Jabalpur – 482 001

C. General Manager (Construction), Construction Organization, N.F. Railway, Maligaon, Guwahati – 781 001.

D. Executive Director Civil Engg./B&S, Railway Board, Rail Bhawan, Room No.140A, New Delhi-110001

E. Director, Indian Railway Institute of Civil Engineering (IRICEN), Pune – 410 001.


(Abhay Kumar)
Director/B&S/CB-II
For Director General



GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS
(Railway Board)

INDIAN RAILWAY STANDARD
CODE OF PRACTICE FOR THE DESIGN OF SUB-STRUCTURES &
FOUNDATIONS OF BRIDGES
(Bridge Sub-structures & Foundation Code)

ADOPTED-1936
FIRST REVISION-1985
SECOND REVISION-2013

ADDENDUM & CORRIGENDUM SLIP No. 4 dated 11.08.2017

Existing clause 4.9.2 and 4.9.3 be modified to read as under:

4.9.2 In special circumstances, where the free-board can be safely reduced and where adoption of the prescribed values would result in heavy expenditure and/or serious difficulties in construction, the free-board may be relaxed at the discretion of the Principal Chief Engineer/Chief Bridge Engineer as indicated below after taking measures for safety as considered necessary by Principal Chief Engineer/Chief Bridge Engineer:

Discharge (Cumecs)	Minimum Free-Board (mm)
Less than 3.	600
3 to 30	750
More than 30	No relaxation is permissible.

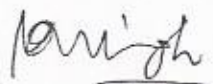
4.9.3 After taking measures for safety as considered necessary by Principal Chief Engineer/Chief Bridge Engineer, existing free board may be retained in following cases:

- (i) Works other than rebuilding a bridge such as regirdering, strengthening / rehabilitation of substructure/superstructure, changing of bed blocks/bearings etc.
- (ii) Extension of existing bridge for doubling purposes.

LUCKNOW

Dated: 11.08.2017

BY ORDER


11.08.17

(Kailash Singh)
Executive Director/Structures
B&S Directorate
R.D.S.O., Lucknow