

P1 Issued in
BOM Cell on 27.10.22
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भारत सरकार GOVERNMENT OF INDIA
रेल मंत्रालय MINISTRY OF RAILWAYS
(रेलवे बोर्ड RAILWAY BOARD)

No. 2022/3/CE-III/BR/CBE Conference

New Delhi, Dated 21.10.2022

Principal Chief Engineers,
All Zonal Railways.

Chief Administrative Officers,
All Zonal Railways.

Sub:- Development of RDSO' standard drawings of 6m wide FOB for span 25m to 30m with composite I-Girder & Tubular sections.

Ref:- (i) Board's letter of even number dated 11.04.2022.
(ii) ED/B&S/RDSO's letter no. CBS/FOB dated 30.09.2022.

Kindly find enclosed herewith a copy of the letters under reference above on the captioned subject. In this regard, RDSO has developed aesthetically designed FOB with ramp & stairs etc. vide Drawing No. RDSO/B 10433 series for 6m wide FOB for span 25m to 30m with composite I-Girder and Tubular sections consisting 09 drawings which have been uploaded on RDSO's railnet site & may be accessed at following link:

<http://10.100.2.4/drawing/frmSubHead.aspx?c=22>

These drawings may be used for future FOBs on IR.

This has approval of PED/Bridge.

DA: As above.



(S. N. Joshi)

Executive Director/Civil Engg./B&S

Ph. No.011-478-47571

- Copy to:- (i) PED/GatiShakti/Railway Board for information please.
(ii) PED/Infra-II/RDSO for information please.
(iii) ED/CE(G) for information please.
(iv) Vice Chairman, RLDA for information please.
(v) CBE/All Zonal Railways for information please.

राजेश कुमार श्रीवास्तव
Rajesh Kumar Srivastava
कार्यकारी निदेशक/पुल एवं संर०
Executive Director/B&S



भारत सरकार - रेल मंत्रालय
अनुसन्धान अभिकल्प और मानक संगठन
लखनऊ - 226011
Government of India-Ministry of Railways
Research Designs & Standards Organisation
Lucknow- 226011
Phone / Fax : 0522-2450398
Email : edbsrds@gmail.com

सं.: CBS/FOB

दिनांक: 30.09.2022

- 1) GM/ Con/ NFR
- 2) Principal Chief Engineer/ All Zonal Railways
- 3) Chief Administrative Officer (Con)/ All Zonal Railways

विषय: RDSO standard drawings of 6m wide FOB for span 25m to 30m with composite I-Girder and tubular sections.

संदर्भ: Railway Board letter no. 2022/03/CE-III/BR/Conference dated 11.04.2022.

Railway Board had advised RDSO to develop design and drawings of FOB with main girder as composite girders, tubular sections for columns and roofing arrangements and dog legged ramps, vide ref. above. Accordingly, RDSO has developed drawing no. RDSO/B-10433 series for 6m wide FOB for span 25m to 30m with composite I-Girder and tubular sections. RDSO/B-10433 series consist 09 drawings. These drawings are uploaded on on RDSO railnet site and may be accessed at following link:

<http://10.100.2.4/drawing/frmSubHead.aspx?c=22>

This is for your kind information and further necessary action.

Digitally Signed by Rajesh Kumar Srivastava

Date: 30-09-2022 13:37:19

Reason: Approved

(राजेश कुमार श्रीवास्तव)
(Rajesh Kumar Srivastava)

कार्यकारी निदेशक/पुल एवं संर०
Executive Director/B&S

EDCE/24
11.10.2022

11.10.22

PED/B प्रतिनिधि: 1 PED/Bridge/Railway Board for kind information.

2. Managing Director, Delhi Metro Rail Corporation Ltd.
3. Chairman & Managing Director, RITES Ltd.
4. Chairman & Managing Director, IRCON.
5. Chairman & Managing Director, Konkan Railway Corporation Ltd.
6. Chairman & Managing Director, Rail Vikas Nigam Ltd
7. Chairman & Managing Director, MRVC.
8. Managing Director, DFCCIL.

Dis/BBS

17/10/22

18/10/22

**GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS
(RAILWAY BOARD)**

No.2022/03/CE-III/BR/Conference

New Delhi Dt.: 11.04.2022

Sub: Meeting with RDSO.

A meeting was held with ED/B&S/RDSO and DIR/B&S/RDSO on date. The existing drawing of FOBs for four lines (both 3 m wide and 6 m wide) should be modified in following two phase:

First Phase-

- (a) The main I-Girder and slab arrangements will not be changed.
- (b) Stair case columns should be modified and designed with hollow rectangular sections.
- (c) Side column for roof sheeting should also be made with rectangular box section.
- (d) At present no ramp design is available in RDSO standard design. A new dog legged ramp should be made with rectangular box section and similar shuttering arrangement as that of stair case.
- (e) Width of the ramp should be so designed that its overall width is same as that of established.
- (f) Entire roofing arrangements should be on box section. Aesthetically good design of side railing should be adopted for stair case, ramp as well as main girders.

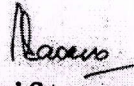
Second Phase-

- (a) To reduce the depth of the girder and achieving overall economy, the main girders should be design as composite girders.
- (b) Provision of lift well should be made for the part of standard design.

General Items-

- (a) All the above changes are to make FOB more aesthetic and ergonomic.
- (b) Any other issue coming up in this matter can also be discussed with the undersigned.

PED (Bridge)/RDSO


(Pankaj Saxena)
PED (Bridge)
11.04.2022
o/c

Copy to: EDCE/B&S/RB and ED/B&S/RDSO for information and necessary action.

