

I/31720/2022

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 : edbsrdso@gmail.com

सं.: CBS/DRO

दिनांक: 17.08.2022

1) GM/ Con/ NFR

2) Principal Chief Engineer/ All Zonal Railways

3) Chief Administrative Officer (Con)/ All Zonal Railways

विषय: Suitability of RDSO standard composite girder ROB drawings for skew angle $> 20^\circ$ and $\leq 30^\circ$.

संदर्भ: Railway Board letter no. 2022/19/CE-III/BR/RDSO/1 dated 14.02.2022.

1. RDSO had issued following ROB drawings of composite girders which are suitable for skew angles upto 20° :

S. No.	Effective Span (m)	Drawing No.	Remarks
1.	18	RDSO/B-11755/R	Suitable for IRC 6 Loading
2.	24	RDSO/B-11756/R	
3.	30	RDSO/B-11757/R	
4.	36	RDSO/B-11758/R	
5.	18	RDSO/B-11772	Suitable for SV Loading and for deck configuration as per IRC SP:84-2014, IRC SP:87-2013 and IRC SP:73-2015.
6.	24	RDSO/B-11773	
7.	30	RDSO/B-11774	
8.	36	RDSO/B-11775	

2. Railway Board has advised that the standard RDSO drawings/ designs for composite girder ROB shall be checked and revised suitably, if required, to make it fit for 30° skew angle, vide reference above.

3. RDSO has checked drawing RDSO/B-11755/R, RDSO/B-11756/R, RDSO/B-11757/R and RDSO/B-11758/R for skew angle upto 30° . It is found that these drawings may be used for skew angle upto 30° with some changes. Accordingly, two new drawings numbered as RDSO/B-11759/R/1 and RDSO/B-11759/R/2 are prepared as supplementary drawings to the main drawings, giving the details of changes required to make these suitable for skew angle $> 20^\circ$ and $\leq 30^\circ$. These new supplementary drawings are uploaded on RDSO railnet site and may be accessed at following link:

<http://10.100.2.4/drawing/frmDrawing.aspx?h=23&s=261>

I/31720/2022

4. RDSO has also checked drawings RDSO/B-11772, RDSO/B-11773, RDSO/B-11774 and RDSO/B-11775 for skew angle upto 30° . It is found that these drawings may be used for skew angle upto 30° with some changes. Accordingly, three new drawings numbered as RDSO/B-11776/11, RDSO/B-11776/12 and RDSO/B-11776/13 are prepared as supplementary drawings to the main drawings, giving the details of changes required to make these suitable for skew angle $> 20^{\circ}$ and $\leq 30^{\circ}$. These new supplementary drawings are uploaded on RDSO railnet site and may be accessed at following link:

<http://10.100.2.4/drawing/frmDrawing.aspx?h=23&s=310>

This is for your kind information and further necessary action.

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

प्रतिलिपि: 1. EDCE/B&S, 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.