

हस्ताक्षर 42
15.2.2021-

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

No. 2016/54/CE-III/BR/RDSO/Misc.

New Delhi dt: 12.02.2021

**Principal Chief Engineer,
All Zonal Railways.**

**Chief Administrative Officer (Con.)
All Zonal Railways.**

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Sub: Design of Non-Standard composite Girders for ROBs.

Ref: (i) Board's letter No. 2015/CE-IV/ROB/78 Pt. dt. 23.06.20.
(ii) Board's letter of even number dated 21.09.20.

Time and again instructions have been issued to adopt standard design of steel girders issued by RDSO for ROBs from safety consideration as well as to expedite execution of work. However, in unavoidable circumstances Non-standard span can be used due to site constraints.

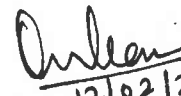
Vide ref. (i) it was advised that CBE of Zonal Railways will approve design of Non-standard girders of ROBs on National Highways. Further, instructions were issued vide ref. (ii) for approval of design of Non-standard composite steel plate girders by Zonal Railways and approval of Non-Standard Bow String/Truss type girders after clearance of RDSO.

To expedite the construction of ROBs it has been decided that approval of design of Non-standard steel girders (Composite as well as Bow String) shall be done by CBE of Zonal Railways. However, in exceptional cases, they may seek guidance of RDSO for checking a particular component.

Above instructions are applicable for construction of ROBs in new line & gauge conversion works also. Further, in such cases, CE/Const. is authorized to approve the GAD & design in place of CBE and he will be responsible to ensure the compliance of above instructions.

Recently, RDSO has been advised to design one span of truss type of ROB girder for which work is in progress. However, if some Zonal Railway want to use truss type girder of ROB, in such cases, design and drawing has to be submitted to RDSO. Design of the same will be checked and issued by RDSO as standard drawing.

This supersedes all earlier instructions on this subject.


12/02/2021
(O.N. Sharma)
Dir. CE(B&S)

Copy:

- (i) PED/Bridge, RDSO for information and necessary action.
- (ii) CPD/BWs and CBEs, All Zonal Railways for information and necessary action.

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