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*Dy. Chief Engd*  
*5/12/11*

*10/12*  
~~PCE~~  
~~CBE~~

W.71/Br Policy

Dt. 14.12.17

CPM(Co-ord)/RVNL/SC

*M. Sridhar Rao*  
*AXEN/RVNL*

*APPEN/BRM*  
*File*  
*20/12/17*

Sub: Elimination of existing STC bridges – Doubling Projects – Reg

Ref : Your office lr. No. RVNL/SC/SC-MBNR Doubling/Bridge GADs dt. 11.12.17

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With reference to the above subject, vide letter referred above, it is to mention that :

1. As per Para 501 of IRBM (Copy enclosed) it is required to rehabilitate the bridges of various types, (including STC bridges) which has been mentioned clearly.
2. In addition to the above, a letter was issued by CBE/SCR (lr. No, W.71/Br/P/9/Vol. V dt. 25.07.2011) stating that all the STC bridges which are existing are required to be replaced on programmed basis. (Copy enclosed)
3. The loading standard of existing STC bridges is not known, hence, it cannot be certified that the proposed doubling line is fit for 25 T Axle load, if the proposed line is coming on to the existing STC bridge (either fully or partially).  
As per Para 2.3.1 (a) & (b) of Bridge Rules, the bridges are planned to be designed as per 25 T Axle loading standard.
4. As per Railway Board Lr. No. 99/CE-I/Misc/23/(IRBM) Pt I dt.17.05.2013, on the subject "Approval of GADs of bridges for the lines executed by RVNL", clear guidelines are issued on what is meant by "affecting" the existing bridge as well as "partial sharing of the load by existing structure", which is self explanatory and can be gone through Para 4.0 in this regard. (Copy enclosed)

In view of the above, it is required to eliminate the existing STC bridges, if the proposed Doubling line is coming on to the existing STC bridge to the maximum extent.

Matter may be treated as IMPORTANT.

Encl : As above

*B. Ashok* 14.12.2017

(B. Ashok)  
Chief Bridge Engineer

Copy to PCE for kind information.

CAO/C/SC for kind information, with request to consider the above in all Doubling and Tripling Projects.

GM/RITES/SC for kind information and necessary action.

O/o, The Principal Chief Engineer  
S.C. Railway, Rail Nilayam, Sec. 71.  
No. \_\_\_\_\_