

**SOUTH CENTRAL RAILWAY**

**Headquarters office  
Works Branch,  
Rail Nilayam, 5<sup>th</sup> Floor  
Secunderabad – 500025**

**No.W.71/BR/Bridge Policy**

**Date: 07.07.2021**

**CAO(C)/SC**

**Sub: RSI Study for continuing LWR/CWR on Ballasted Deck Bridges**

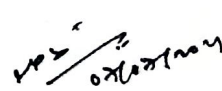
**Ref: This office Letter of even no. dt.13.07.2020**

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With reference to the above subject, vide this office letter referred above, it was advised to conduct RSI Study for all the new ballasted deck bridges (with bearings) being built by Construction organization, and RSI analysis report should be made available to obtain clearance for continuation of LWR from competent authority. It is understood that Midas software for conducting RSI analysis of Ballasted deck bridges is already procured by Design office of CAO(C).

Therefore, RSI analysis of all ballasted deck bridges with bearings shall be carried out during the finalization of substructure and foundation designs, so as to make the bridge suitable for continuation of LWR. The RSI analysis has to be carried out once again after completion of the bridge, as per the actual built details and the same shall be submitted to CBE office for verification and obtaining the approval of PCE.

This is issued with the approval of CBE.

  
**(C. Nagaraju)**  
**Dy.CE/Br.D/HQ**  
for Chief Bridge Engineer