

**Government of India  
Ministry of Railways  
(Railway Board)**

**No. 2013/CE-III/BR/IRBM**

**New Delhi, dt. 17.12.2019**

**Principal Chief Engineer,  
All Zonal Railways**

**Chief Administrative Officer/Construction,  
All Zonal Railways**

**Sub: Inspection of Railway bridges/ROBs before commissioning  
Ref: Board's letter No. 2013/CE-III/BR/IRBM dated 02.07.18**

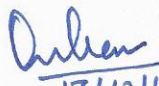
Railway bridges/ROBs are inspected as per the Schedule laid down in chapter 11 of IRBM. As per the existing practice, new bridges/ ROBs constructed on new lines/Doublings/Gauge conversion etc. are inspected after commissioning of the line bridge only. It is observed that in some cases, there is large time gap in completion of a bridge and its commissioning and during this intervening period, bridge is not inspected. As inspection of Bridges/ROBs have safety concern, instructions were issued vide above reference for inspection of new railway bridges and ROBs before commissioning.

The existing instruction has been reviewed and following is issued in supersession of all earlier instructions issued on the subject.

- (i) All new railway bridges constructed on New lines/Doubling/Gauge conversion etc. should be inspected by the concerned XEN/AXEN(Construction) or any other official of construction organization as decided by CAO/C, till its commissioning as per the schedule laid down for sectional ADEN for bridges on open line in IRBM.
- (ii) All ROBs (bridge over railway portion) constructed on New Lines/Gauge Conversion should be inspected by the concerned XEN/AXEN(Construction) or any other official of construction organization as decided by CAO/C, till commissioning of the line as per the schedule laid down for sectional ADEN for bridges on open line.
- (iii) All ROBs (bridge over railway portion) constructed on existing lines/doublings etc should be inspected by the concerned sectional ADEN and Section engineer (Bridge) even before commissioning of the bridge as per the schedule laid down for bridges in IRBM. All the inspection details should be entered in the Bridge register.

- (iv) A bridge register should be opened by XEN/AXEN(Construction) immediately after completion of the railway bridge/railway portion of ROB. All the inspection details to be entered into this register and the register should be handed over to open line at the time of commissioning of the bridge. All bridge data and inspection details should be entered into BMS by construction organization in coordination with open line before handing over the asset.
- (v) Modern techniques like drones etc. can also be used by construction organization for carrying out bridge inspections as stipulated above.

This issues with approval of competent authority.

  
17/12/19  
(O.N.Sharma)  
Director CE/B&S  
Railway Board

**Copy to:**

- (i) GM/All zonal Railways for information.  
(ii) CBEs/All Zonal Railways for information and necessary action  
(iii) ED/B&S/RDSO & ED/Structures/RDSO for information & necessary action

