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GOVERNMENT OF INDIA  
MINISTRY OF RAILWAYS  
(RAILWAY BOARD)

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No. 2014/CE-III/BR/Bridge Policy

New Delhi, dated 25.07.2023

Principal Chief Engineers,  
All Zonal Railways.

Sub:- Bridges – Inspection and Maintenance.  
Ref: Board's letter number dated 24-07-2023

In continuation to letter under reference for the inspection of all Bridges with Open Web Girder and Under Slung Girder under "Own Your Bridge". It is reiterated that inspection should be thorough, covering all aspects of Bridge inspection as detailed in para 1107 of IRBM.

Special focus shall be on following during this drive :

- a) Condition of bearing and its seating arrangement
- b) Condition of steel structure particularly for location prone to corrosion, loss of section of members, Condition of connection such as connections of stringers to cross girders, cross girders connections to main girder, end connections of cross and lateral bracings, and chord joints and web member connections.
- c) Apparent loss of camber if any.
- d) Members damaged or bent during transit, erection or in service if any.
- e) Condition of paint
- f) Condition of Track on Bridges (adequacy of fitting ,condition of channel sleeper) and track at Bridge approach
- g) General condition of protection work
- h) Anti corrosive measures such as protection plate for cross girders, anticorrosive/protective painting etc.

The concerned SAG officer will inspect the assigned bridge(s) thoroughly, review the previous inspections and compliance thereto and monitor the compliance of deficiencies noted during his inspection

  
(Niraj Kumar)

Executive Director/Civil Engg./B&S  
Ph. No. 011-478-47571

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The chapter 11 of IRBM, stipulates the schedule of inspection of bridges by various engineering officials. Further, Technical Inspection of All Steel bridges of span more than 12.2 mtr are to be carried out by Bridge Inspectors once in 5 year with sufficient cross check by higher authority.

It has been observed that upkeep and maintenance of steel girders bridges require focused attention to ensure that the deficiencies observed during various inspections and technical inspection are adequately attended in time.

In view of the above, it has been decided that through intensive inspection of all Bridges with Open Web Girder and Under Slung Girder shall be carried out immediately by Engineering SAG officers from HQ. The Bridges shall be assigned to SAG officers by PCE as **“Own Your Bridge”**. The concerned SAG officer will inspect the assigned bridge(s) thoroughly, review the previous inspections and compliance thereto and monitor the compliance of deficiencies noted during his inspection. The bridges(s) shall be assigned to SAG officers in such a way that above inspection of all steel bridges (open web as well as under slung) on Railway is **completed within one month**. During this period, PCE shall also inspect some critical bridges based on his knowledge about condition. The details of bridges assigned to SAG officers as **“Own Your Bridges”** shall be advised to Board on following format by 31-07-2023 positively.

sl no	Major section	Bridge no	Chainage	Type of Bridge	Span	SAG Officer nominated for “Own Your Bridges”

The details of inspection shall be monitored closely at level of PCE. Necessary works required for repair /strengthening/rehabilitation/rebuilding of bridges shall be got sanctioned under PH-32, where adequate funds have been already been provided under various umbrella works. In case of additional fund required, same shall be projected to Railway Board.

This shall be treated as extremely Urgent.

  
(Niraj Kumar)  
Executive Director/Civil Engg./B&S  
Ph. No. 011-478-47571