(92) (13)

NF RLY HQ
Gorakhpur

Bridge Circular No.1 of 1988 W/29/0/A/Pt.I/W-1
June 2nd, 1988

The DRMs(Engg)/IZN,LJN,BSB,SRE,SPJ
The Dy.CE/Br.(OL&WS)/GKP.

Re: Inspection of important bridges.

All important bridges are to be inspected by the Sr.Divl/Divl. Engineers in terms of Para 1004 of IRWWM.

2. In accordance with Para 2.11 of Bridge Sub-Structure & Foundation Code, Important Bridges are those which are:

(a) Having linear waterway of 300 m or more; or
(b) Having a total waterway of 1000 Sqm; or
(c) Classified as important by CE/CBE depending on considerations such as -
(i) depth of waterway ;
(ii) extent of river training works, and
(iii) maintenance problems.

3. On NE Rly 26 important bridges (as on 01/04/88) have been identified. A list of these 26 important bridges is enclosed. 11 bridges have been added to the earlier list of 15 important bridges.

4. Appropriate, neatly painted name boards of additional 11 bridges, should be fixed on both approaches, at a distance of about 15 m from the abutment. These boards should indicate the name of the river and the number and length of spans of the bridge, both in English & the regional language.

5. For these 26 important bridges, please ensure that:

i) The flood records are maintained according to the instructions contained in Para 1105 and 1106 of IRWWM.

ii) HFL gauges are provided at abutments or on a pier near each abutment in accordance with para 1007 J (b)(iii) of IRWWM.

Contd....2

S/c for case No. W/29/0/W-1

iii) Detailed inspection is carried out separately of following parts & appropriate inspection notes in brief recorded.

(a) foundations
(b) Sub-structure.
(c) bed blocks, and
(d) bearings on the piers and abutments.

6. A general cryptic remark giving the condition of the bridge as a whole is not correct.

7. It is necessary to check the condition of foundations, sub-structure, bed blocks, bearings of each pier and each abutment separately. Information on the condition should be recorded separately for each abutment and pier for important bridges.

8. This issues with the approval of Chief Engineer

Spare copies for AENs are enclosed.

DA/As above.
(Ten spare copies)

02/6/82

(PREM SHANKER)
for GENERAL MANAGER(P.NGG)

10. This issues with the approval of Chief Engineer.
Spare copies for AENs are enclosed.

DA: 10 spare copies.

15/9/88

(PREM SHANKER)
for GENERAL MANAGER (ENGG.)

C.C. 1. Chief Engineer/East/N.F. Railway/Gorakhpur.
2. Chief Engineer/West/N.F. Railway/Gorakhpur.
3. Chief Bridge Engineer/N.F. Railway/Gorakhpur.
4. Chief Engineer/Construction/N.F. Railway/Gorakhpur.

S/C