

SOUTH EASTERN RAILWAY

CE's CIRCULAR NO. 211

**Office of the
General Manager(Engg.)
Garden Reach, Calcuta- 43.**

No. BR/FLOOD-OBSERVATION/IMP.BR.

Dated: 25.7.2000.

To
The Sr. DENs, S.E.Railway,
ADA,BSP,CKP,KGP,KUR,NGP,SBP & WAT.

Sub:- River & Flood register.

Your attention is drawn to para 714 of Indian Railway Bridge Manual (extract of para enclosed).

The following time table has to be followed by various officers concerned:

- (i) Submission of the "Rivers and Floods" register by Asstt. Engineers to the Divisional Engineers ----- by 30th Nov.
- (ii) Submission of the register by the Divl. Engineer to the Territorial HOD----- by 31st December.
- (iii) Returning of the register by the THOD to the Divisional Engineer ----- -- by 15th January.

A list of important bridges and a list of additional bridges, where it is felt that such records are to be maintained, is placed on Annexure-'A' & 'B'. Sr. DEN/DENs should examine if such records are required to be maintained for additional bridges in his section other than those placed on Annexure 'A' & 'B' and the same should be communicated to the headquarters office for approval.

Encl: Annex. A & B.

Extract of para 714

(Manoj Kumar)
Chief Bridge Engineer
For GENERAL MANAGER (ENGG.)

Extract of Para 714 of IRBM 1998

1. Continuous records of the behavior of large alluvial and other specified rivers and the condition of training and protection works of bridges across them, if any, should be maintained by the Assistant Engineer in a "Rivers and floods " register. This register may be in a manuscript form with sufficient number of pages allotted for each bridge to cover ten to fifteen years and should contain.
 - (a) Brief history of the bridge and protection works at and away from the bridge site with plans and sections.
 - (b) Condition of foundation and protection works with particulars of action taken on repairs required.
 - (c) Particulars of flood damage and remedial measures adopted with reference to bridge inspection register. Blue prints of the cross section diagrams of the bed of river, survey plans of the course of the river and cross sections of bunds vide para 711 and 712 should be attached to the register for reference. Past register should be carefully preserved.
2. The Assistant Engineer shall submit the register to the Divisional Engineer by 30th Nov., indicating the point on which the orders of the Divisional Engineer are required.

The Divisional Engineer shall carefully scrutinize the register, examine such works as called for his inspection, record his orders regarding the points referred to him and initial against every bridge or kilometrage in token of his scrutiny Points on which the Territorial Head of the Departments decision is required shall be clearly indicated.

The register should then be sent to the Assistant Engineer for noting the Divisional Engineer's Orders with instructions to return it within 15 days. The Assistant Engineer should extract the orders issued by Divisional Engineer and arrange expeditious compliance.

The register should then be forwarded by 31st Dec. to the Headquarters Territorial Head of the Department who will scrutinize the entries , issue orders regarding matter referred to him endorsing the register to that effect , and return it to the Divisional Engineer by 15th Jan. Subsequent action taken on HOD's notes should be entered in the register by the Assistant Engineer.