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BRIDGE CIRCULAR No.8

Sub: Development of proposals for Rebuilding/
Rehabilitation of Bridges.

1. We have several Bridge Rehabilitation/Rebuilding programme. This is likely to continue for next 5 years or so.
2. Intelligent surveying & investigations are *Sine qua non* for developing sound techno-economic proposals.
3. Proposal for Bridge Rebuilding/rehabilitation will be cleared by officers noted below after careful site inspection
 - i) Bridges costing more than Rs.30 lakhs. by Chief Engineer on recommendation of CBE
 - ii) Bridges costing betn. Rs.10 & 30 lakhs. by Chief Bridge Engineer & territorial Chief Engineer jointly.
 - iii) Bridges costing less than Rs.10 lakhs. by Sr.DENs & the Sectional DENs jointly.
4. The Bridge plans are to be put up to Chief Engineer for signature after proper inspections have been done by officers mentioned in para 3 above.
5. I am prompted to issue this circular as there have been two cases where works were processed through Works Programme & later on major changes had to be done :
 - i) Br.No.38 betn. Darbhanga-Raxaul Section on Samastipur Division.
 - ii) Br.No.85 betn.Gonda-Gorakhpur(MG)Loop on Lucknow Division.
6. Replies to the attached questionnaire must be filled by the Sectional DEN in his hand-writing & signed. At present half baked and incomplete information is coming which results in back references & delays.

Encl:As above.

(W/29/O/A/Pt.I/L)

Ans...
Chief Engineer
14/09/89

Distribution

CBE, CGE, CTE, CE/W, CE(Con), CWM/BWS
Dy.CE/Br., FCW, W & Pl., T-1, T-2, Dy.CE/Stores, Dy.CE/L
DRMs(Engg)/IZN, LJN, BSB, SEE, SPJ,

S/C for case No. W/29/O/W-1

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QUESTIONNAIRE FOR BRIDGE PROPOSAL

Divn. _____ Sub-Divn. _____ Section _____

Between stations _____

Existing Spans : _____ Proposed spans _____

HFL _____ Rail level _____ Clearances: Present _____
Proposed _____

1. Adverse remarks given in Bridge register and follow up action taken thereon

Year	Designation of officer	Adverse remarks	Result of repair works done.

2. Officers who have cleared the proposal.

Name	Designation	Site inspection	Date

3. Technical justification of the work

4. Design data

- .1 Design discharge calculations & designed HFL, RL, Clearances etc. ... Annexure I
- .2 Soil investigations, Borelog/trial pit details with DCP/SPT values, soil classification as per IS : 1498-1970 ... Annexure II
- .3 Special topographical details, if any ... Annexure III

Write Yes or No
in the box

5. Have you enclosed

- .1 Sketch showing distressed condition, tell tales, etc.
- .2 General arrangement drawing
- .3 Temporary arrangement / Diversion plan.
- .4 Regrading plan

Write Yes or No
in the box

6.1 Has the drawing been prepared
in the format given by HQ &
complete information given?

☐

.2 Is the completion plan of
existing bridge available?

☐

.3 Has the existing bridge shown
in the drawing alongwith
foundation?

☐

4. Is the quality of drawing
paper, pencil work etc. good?

☐

.5 Are you sending drawings in
roll & not folded ?

☐

Signature _____

Name _____

Designation _____

(Sectional Sr.DEN/DEN)