

RW/NH-50(3)/83-NH Std.

*Dated the 16th December, 1986*

To,

The Chief Engineers of States PWDs & Union Territories dealing with National Highways and other Centrally Financed Roads; The Director General (Works); The Director General Border Roads

Subject: Preparation of designs and working drawings by the State PWDs for bridges on National Highways and other Centrally Financed Schemes

Your kind attention is invited to this Ministry's Circular letter No. RW/NHVI-50(3)/83-NH Std. dated 15.7.85 wherein it was reiterated that for bridges of overall length not more than 125 m (or individual span length of 25 m or less) lumpsum tenders based on alternative designs should not be invited. Accordingly, the State PWDs were required to furnish detailed design calculations alongwith detailed working drawings for various components alongwith the original estimates relating to construction/reconstruction of bridges on National Highways and under other Centrally Financed Schemes. Even though the above mentioned instructions were issued in July, 1981 compliance of the same in a tangible manner is still awaited. It will be appreciated if immediate steps are taken at your end to ensure that the guidelines mentioned above are followed meticulously.

2. It has also been brought to our notice that some of the State PWDs have got full-fledged Design Organisations. It is felt that for such PWDs there should be no difficulty in the preparation of designs and working drawings for all bridge projects (irrespective of the overall length of the bridge or its span length) and in such States tenders for bridge works could be called only on the basis of Departmental Designs. This procedure will obviate the difficulties now being experienced by various State PWDs as well as this Ministry in conveying expenditure approval of detailed working drawings for different components of bridges which are got constructed on the basis of alternative designs of contractors, as all designs would be finalised at the time of sanctioning of estimates.

3. It will be only in case of very major bridges where the design will need to be got approved from the Ministry in case the tenders have been limited by the State PWDs based on contractors' alternative designs (on lumpsum basis).

4. It is requested that suitable instructions may kindly be conveyed to all concerned for complying with the procedure given in the preceding paragraphs.