

No. PL-67 (22)/77

Dated the 11th April, 1977

To

All State Chief Engineers (dealing with Roads)

Sub: Bridge works financed in full or in part from Central Funds-Checking of wells during sinking process

It has come to the notice of this Ministry, that in some cases of bridges with well foundations, cracks in the steining of the wells have been observed, after sinking operations. Such cracks result during sinking operation and impair the structural soundness of the wells, requiring very costly remedial measures to be undertaken.

2. In this connection, it is emphasised that the State Public Works Departments executing the work should not only ensure strict compliance of the requirements contained in Clause 1205 of the "Specification for Road and Bridge Works" and the provisions of "Hand-Book of Quality Control", but also verify and satisfy themselves about the soundness of the entire steining during the sinking operations at periodic intervals. In order to achieve this, it is suggested that the concerned Public Works Department may consider employing a diver under the establishment of the Department. With the help of this diver the inside surface of the well steining shall be got verified independently in addition to the inspection by the divers of the contracting firm.

3. The bottom plug may be permitted to be laid only after the departmental diver has inspected thoroughly the inside surface of the well for the total depth and the concerned Engineer-in-charge has satisfied himself about the soundness of the steining.