

GOVERNMENT OF MAHARASHTRA

Irrigation Department,  
Circular No. MIS 1093/(365/93)MP(Adm.)  
Mantralaya, Bombay 400 032(-)2,  
Dated: the 4th October 1993.

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Of late it is observed that there is marked decline in the quality of stone masonry. At a number of places distress is being noticed in respect of masonry works, especially piers of C.D. Works of canals. Canal structures being at vulnerable locations, any distress developing during the operation of canals results in stoppage of irrigation facility and damage to crops. It is, therefore, essential to provide structures with suitable type of construction where desired quality can be maintained and the structure will give good service during operation of canals.

The issue was deliberated at length in the Chief Engineers Conference and the general consensus was in favour of provision of concrete piers for all C.D. Works over canals.

CIRCULAR 1 With a view to ensuring strength and durability of piers of C.D. Works on canals, it is directed that ~~xxxx~~ henceforth concrete piers be provided for all the structures on main canals where height is more than 3 meters and/or canal discharge is more than 2.8 cumecs. Wherever the canals are perennial, an urgent review may be taken of the present status of the piers of the C.D. Works and measures initiated to provide concrete piers if found necessary. It is further directed that mix design should be insisted for the concrete piers. Arrangements required for concreting operation should be completed well before the actual concreting and the Engineer-in-charge should certify the same. In case of honey combed concrete, if plastering is to be done the Executive Engineer in-charge should record the reasons and obtain concurrence from the Superintending Engineer of the concerned circle, before plastering.

This circular is issued as per the recommendations of the Chief Engineers' conference.

By order and in the name of the Governor of Maharashtra.

*(Signature)*

(V.V. BA-PAT 51x19)

Deputy Secretary to Government of Maharashtra.

- Copy to:
- All Chief Engineers & Joint Secretary, Irrigation Department, Mantralaya.
- All Chief Engineers under Irrigation Department.
- All the Superintending Engineers and Deputy Secretaries, Irrigation Department, Mantralaya.
- All the Superintending Engineers under Irrigation Department.

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१) सर्व का.अ.  
२) सचिवक अधीष्टक अभियंता / उपविभागीय अभियंता / अधिवर  
शा.स. 9/2/3/4/5/6/7/8/9/10/11/12/13/14/15/16/17/18/19/20/21/22/23/24/25/26/27/28/29/30  
३) रेखापेन शरका मंत्र कार्यालय  
अधी. 20/10/93

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