

Provision for loss of head in  
Designs of new road bridges  
on canals.

GOVERNMENT OF MAHARASHTRA  
Irrigation Department,  
Circular No. MIS 1093/(335/93)-MP(Adm.)  
Mantralaya, Bombay - 400 032.  
Dated 16th July, 1993.

While finalising the longitudinal section of canal, approximate provision for loss of head is made and cut-off statements are prepared as per the Chief Engineer's Technical Circular of 22/3/1960. However a number of demands come up later on for canal crossings and in many cases they are required to be considered. As such structures were not envisaged initially, there is no provision for loss of head in respect of such structures. It therefore becomes necessary to design these structures with a single span so as not to create obstruction. This would ensure that the approved cut-off statements are not vitiated.

**CIRCULAR :** Whenever new road bridges including foot bridges, not envisaged in the original cut-off statements are proposed or provided as canal crossings, they should be designed with "Single span, no obstruction" design. Abutments should be beyond the line of contact of F.R.L. with side slopes both on the upstream and downstream.

This Circular is issued on the recommendation of the Chief Engineers Committee.

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

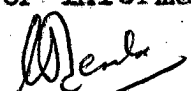
Sd/-( S.Y.Shukla )  
Deputy Secretary to the Government of Maharashtra  
Irrigation Department.

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OFFICE OF THE EX.ENGR.,  
DESIGNS DIVISION CS-I,  
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DINDORI ROAD, NASHIK-422 004.

Dated the 18 October, 1994.

Copy to the Executive Engineer, Designs Division GO-I, GO-II, GO-III, GO-IV, CS-I & PL-III for information.

  
( A.S.Tembe )  
Executive Engineer,  
Designs Division CS-I,  
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