

No. NHVI-50 (3)/83

Dated the 6th June, 1983

To

All State Govts. and State PWDs
dealing with NHs

Subject : Digging of borrowpits within the Khadir width of rivers for construction of road embankments as approaches to bridges

Attention is invited to IRC-10-1961 and Ministry's Circular No. NHIII/P/44/82 dt. 22.7.82 with regard to adoption of prescribed standards for borrowpits for road embankments.

2. It has been observed that in certain cases where borrowpits were dug within the Khadir width of rivers, in accordance with the relevant clauses of IRC-10-1961, due to the erodable nature of the bed materials and flow pattern of the rivers, channels have developed flowing parallel to the road embankment endangering the road embankment as well as the bridge.
 3. After careful consideration in the Ministry, it has been decided that borrowpits *shall not be dug within the Khadir width of the river* for construction of approach road embankment to bridges on NHs and other Centrally-aided road and bridge projects.
- 4.1. In such of those cases of major bridges where the State PWD consider that digging of borrowpits

within the Khadir width is unavoidable, they are requested to send the following to the Ministry for approval before execution :—

- (i) a detailed plan showing the alignment of road and bridge extending slightly beyond the Khadir width, course of the river in the region and proposed location of borrowpits within the Khadir width.
- (ii) Justification for proposing to dig borrowpits within the Khadir width.

- 4.2. The proposed location of borrowpits shall be as far away from the road embankment as possible and the borrowpits may be arranged in such a manner as not to cause a channel or attract the flow of the main river away from its normal course.
 5. Contents of this letter may please be given wide publicity so as to bring it to the notice of all concerned officers in the State.
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