

Approval to the plans and

estimates of Canal Road
Crossings

Government of Maharashtra ,
Public Works Department,
Circular No.RRM 1082/CR 2452/PLN.3
Mantralaya Bombay 4000032 D/- 15-4-1986.

It is observed in a number of cases that the roads of various categories in charge of public works Dept., are open for provision of canal road crossings by the Irrigation Department without prior approval to the plans and Estimates and without prior permission of the field officers of this Department. In doing so, at times, the works are executed without attending to the preliminaries such as (i) providing suitable diversion to the traffic (ii) Providing barricading (iii) Providing sign boards (iv) Guiding traffic during the day & night (v) Providing proper maintenance of diversion road during the period of construction.

2. In addition to above, while executing the C.D. works, the geometry of the roads i.e. Provisions of C.D. works on curves, sight distance grades etc. are sometimes not given due attention.

3. In order to have proper control on works of canal road crossings required for I.D. Government is pleased to direct as below :-

- (i) Normally, such works are to be undertaken by P.W.D. as "Construction and Deposit Works" on the guidelines laid down in the P.W.D. manual vide para 300 to 305. But if the Irrigation Department so desires canal crossing C.D. works proper may be executed by the Irrigation Department with prior approval of Public works department. However the work of providing diversion of traffic and its maintenance will be done only by Public Works Department at the cost of Irrigation department. The diversion shall be maintained properly by the Public Works Department at the cost of Irrigation department during the period of construction of C.D. works.
- (ii) In case the I.D. want to execute the C.D. works at their cost, the Irrigation Department shall obtain the prior approval to the detailed plans and estimates of competent authority of P.W.D. as detailed below and shall have proper co-ordination with P.W.D. field officers at all stages till the completion of C.D. works.

Sr. No.	Name of Competent Officer who will approve the P&Es And issue permission.	Category of roads
1.	Chief Engineer P.W. Region	a. N.H. (in Consultation with (M.O.S.&T.) b. S.H. C. Change in alignment of all other roads.
2.	S.E.P.W.Circle	a. M.D.R. b. O.D.R.
3.	E.E.	Village Roads.

The field officers of P.W.D. shall ensure that as and when the proposal is received from Irrigation Department the same shall be dealt with promptly.

- (iii) There shall be a separate sub estimate for providing diversion and its maintenance. Irrigation Department shall be asked to deposit the cost of this sub-work to the P.W.D. prior to the starting of work. Unless the diversion work is completed in all respect by P.W.D. the Irrigation Department shall not be permitted to start the work of canal road crossing.
 - (iv) In respect of State Roads (S.H., M.D.R., O.D.R. and village Roads), the design of C.D.works/ diversion roads should conform to the specification prevailing in the department including guidelines and circulars issued by Government/Superintending Engineer, Designs Circle from time to time. In case of canal crossing works across National Highway, the design of C.D.works/ diversion roads shall be based on I.R.C.codes/ publications and standard specifications /codes/ guidelines laid down by M.O.S.T. from time to time. Similarly the prior approval shall be obtained from Ministry of Shipping and transport in case of canal road crossing on National Highway.
 - (v) Traffic regulations, working and cautionary signs with necessary boards , night watchman etc. and barricades shall be provided and maintained round the clock by the public works Department at the cost of Irrigation Department.
 - (vi) Any damage caused to the road during construction or during service after construction of canal crossing work shall be made good by the Irrigation Department at its cost to the entire satisfaction of public works department.
 - (vii) In any case C.D.work and canal required to be removed , closed or diverted, at the cost of Irrigation Department, when required by P.W.Department for which no claims or compensation shall be paid by the Public works Department .
 - (viii) In case the road is proposed to be widened in future, the Irrigation Department shall have to widen C.D.works also to suit the widening at no cost to Public works Department.
 - (ix) After completion of C.D.works, their regular maintenance shall be done by the Irrigation Department as per requirement of Public works Department.
4. The field Officers should ensure that the guide lines given in this Circular are scrupulously followed while according approval to the plans and estimates.

Sd/-
Deputy secretary to Government