

No. NH-11049/1/87-NHIII/DI

Dated the 11th Feb., 1988

To,

1. Chief Engineers (dealing with National Highways) P.W.D. of all States and Union Territories)
2. Director General (Works) CPWD.
3. Director General Border Roads.

Subject: Survey and Investigations for NH Projects: Provision of

I am to invite reference to this Ministry's Office Memorandum No. NHI-37(9)/70 dated 1.1.71 and No. NHI-37(4)/71 dated 24.1.72 on the subject mentioned above and to state that the need for proper survey and investigations for NH Projects has been emphasised by this Ministry from time to time. In this connection, it was also clearly mentioned about the essentiality of paying proper attention to this important aspect by the executing agencies in respect of NH works so that problems of revision of work leading to time and cost over-runs could be avoided. It may be mentioned that separate estimates towards the cost of staff, other than the regular one covered under the agency charges, equipment for survey and investigations, project preparation including cost of transportation, tests and stationery, with a provision upto 1% of the estimated project cost are sanctioned for project depending on the type and/or size of the projects and the extent of investigations called for. Adequacy of this provision has again been examined in this Ministry on receipt of various suggestions from the State PWDs and it has been observed that the cost of survey and investigations will vary depending upon the type and size of project and would generally be in the range of 0.50 to 1.0% of the estimated project cost, depending upon the actual quantum of work involved.

However, in case of investigations required for the design of high embankment or design of embankment on very soft and weak foundation conditions, or similar cases the actual provision needed may, at times, exceed the above limit depending upon the degree of complexity involved in the particular case. It has been felt that, as in the past, estimates for such cases may be prepared separately upto the amount considered essential depending upon the merit of the case and furnishing full justification in support of the same.

It has therefore, been decided that for all cases the present provision as mentioned above may continue and there is no necessity for changing the same at present for NH works.