

No.RW/NH-24035/22/94-PI.VoLV

Dated, the 20th June, 2000

To

The Chief Engineers of the States/Union Territories (dealing with NHs and other centrally sponsored schemes); Chairman, National Highways Authority of India; Director General Border Roads

Subject : Construction of Bypasses on National Highways

Please refer to this Ministry's letter of even number dated 26.2.1999 requesting you to identify suitable projects for construction of bypasses on National Highways on BOT basis. It may be appreciated that the purpose of the bypasses is to ensure free and smooth flow of through traffic, avoiding the congested and accident-prone sections through habitations. In the past it has been observed that, once constructed, these bypasses attract growth of the town along their alignment, soon leading to the ribbon development and obstructions from cross traffic thereby causing deterioration in the desired level-of-service and reduction in safety. In order to mitigate these impediments and to ensure full benefits to the users for the user fee paid in case of BOT projects as well as to ensure long life to such investments, it would be necessary to keep in mind the following measures while planning, designing and constructing the bypasses:-

- 1.1. Provision of parallel service roads having controlled access and necessary fencing on either side of main highway.
- 1.2. Restricting the entry of cross roads only at selected and pre-determined locations.
- 1.3. All road intersections and rail crossing are to be provided with grade separators.
- 1.4. Wherever the bypasses length is either more than 10 km or it bypasses any important town/city, develop wayside amenities as integral part of the bypass project.
- 1.5. Enforce planning measures, such as, "building lines" and "control lines" rigidly.
- 1.6. Acquire adequate land width to provide for an ultimate six-lane facility to cater for next 10 to 15 years traffic growth along with service roads even though the present requirement may be only of two-lane/four-lane facility.

2. You are requested to give wide publicity to the above guidelines and issue necessary instructions to the officers concerned with planning and implementation of the highway works.

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