

**No. RW/NH-33044/8/98-S&R**

***Dated, the 13th November, 1998***

To

The Secretaries/Chief Engineers/UTs of States/Union Territories, Public Works Departments (dealing with National Highways and other centrally sponsored schemes); Chairman, National Highways Authority of India; Director General Border Roads; Director General, Central Public Works Department

Subject : Use of blast furnace slag for road construction

This Ministry has received references from M/o. Environment & Forests and Steel Authority of India Ltd. that steel plants in the country generate large amount of slag but most of this remains unutilized.

2. In this connection it may please be noted that this Ministry's Specifications for Road & Bridge Works (Third Revision) - Clause 401 for granular sub-base, 403 for cement treated sub-base/base and 404 for WBM sub-base/base permit the use of crushed slag for road construction.

3. It is, therefore, requested to consider the utilization of this material for construction of National Highways, State Highways and other category of State Roads provided that the same satisfies the physical requirements/gradings, etc. stipulated in the relevant clauses and also cost-effective. This will be an environment friendly measure and would also lessen the burden of procuring natural aggregates. Feedback on its utilization may please be reported to the Ministry from time-to-time.

4. This may please be brought to the notice of all concerned officers in your organization/department.

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