

No. NHIII/P/10/84

Dated the 15th May, 1985

To

Regional Officers, Ministry of Shipping & Transport (R.W.)

Subject : Use of roughness measurement as an aid to more effective monitoring of road construction and maintenance operations

I am directed to invite a reference to letter of even number dated 3.4.84 from the Secretary addressed to all the Chief Secretaries of the States and Union Territories, requesting them that the quality of road construction should be monitored by the use of roughometers.

2. It has been observed that some States have procured the roughometers and have initiated action to take the readings detailed out in the Ministry's circular letter of even number dated 25.7.84. However, it is noted that the progress so far achieved in the effective use of the roughometers has been slow in many of the States. It is requested that this matter may be pursued vigorously and it may be ensured that the State PWDs send to the Ministry the periodical returns on the subject as already laid down.

3. It has also been decided that one roughometer will be procured and placed at the disposal of some of the R.Os/ELOs of the Ministry to enable them to take independent measurement of the roughness of the newly constructed roads and monitor the position. Necessary sanctions for this purpose are being issued separately.

4. It may be noted that the R.Os/ELOs while conducting these inspections would take along with them the concerned official/officials of the State PWD so that the measurements taken are jointly accepted. The programme of roughness measurements will have to be jointly chalked out with the concerned PWD officials.

5. Since the need for observing precautions in the use of equipment is paramount for yielding accurate values of the roughness, it is proposed to conduct a training course, in which the ROs/ELOs and selected PWD officials will participate. A separate communication in this regard will be issued shortly.

6. A copy of this letter is also being endorsed to Chief Engineers dealing with N.Hs in the concerned States to ensure that the proposed measurement programme is pursued vigorously. The ROs/ELOs are requested to discuss the modalities of the measurement programmes jointly with the State PWD officers and report on the arrangements involved to the Ministry from time to time.

Copy forwarded for information and necessary action to the concerned Chief Engineers dealing with National Highways in the States and Union Territories. It is requested that full cooperation may be extended to ROs/ELOs for jointly carrying out roughness measurements on newly constructed roads as per instructions issued from the Ministry already vide Ministry's letter of even number dated 25.7.84.

Copy forwarded for information and necessary action to all Project Chief Engineers (Roads) at Headquarters with a request to pursue the matter. CE (PL), SE (R) T&T, ADG (R) and T.S. to DG (RD).