

**Government of India**  
**Ministry of Road Transport & Highways**  
**(S&R Zone)**

No.1, Parliament Street, Transport Bhawan, New Delhi-110001

File No: RW/NH-33044/88/2021-S&R(P&B)/DNT (215840)

Dated: 29<sup>th</sup> March, 2023

To,

1. The Chief Secretaries of all State Governments/UTs
2. The Principal Secretaries/ Secretaries of all States/ UTs PWD dealing with National Highways, other centrally sponsored schemes and state schemes
3. The Chairman, National Highways Authority of India (NHAI), G-5&6, Sector-10, Dwarka, New Dethi-110075.
4. The Managing Director, National Highway Infrastructure Development Corporation Ltd., 3 floor, PTI Building, Parliament Street, New Dethi-110001.
5. Director General (Border Roads), Seema Sadak Bhawan, Ring Road, New Delhi-110010.
6. Secretary General, IRC, IRC Bhawan, Kama Koti Marg, Sector-6, R.K.Puram, New Delhi-110022
7. Director, IAHE, Industrial Area, A-5, Sector-62, Noida-201309
8. NIC for uploading on Ministry's websites

**Subject: Amendment in Roughness parameters for Flexible and Rigid pavements-Reg.**

Madam/Sir,

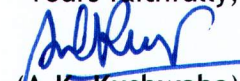
Ministry has issued Model RFP and Agreement documents for EPC / BOT (Toll)/ HAM/ TOT projects. These standard document specifies the riding quality parameters (roughness) of the National Highways, with the maximum permissible roughness value obtained from calibrated Bump Integrator (BI). It has been observed that, these Model documents are having different values of roughness parameters. Therefore, in order to have uniformity in all forms of contract, it has been decided that the riding quality value (roughness) should be the same in all forms of contract.

2. Accordingly, the maximum riding quality value (roughness) is amended as under in respect of all forms of contract; i.e. for EPC / BOT (Toll)/ HAM/ TOT projects: -

Roughness (BI) for Flexible Pavement (mm/km)		Roughness (BI) for Rigid Pavement (mm/km)	
Desirable	Acceptable	Desirable	Acceptable
2000	2400	2200	2400

3. This issues with approval of Competent Authority in suppression to provision of Manual and applicable IRC Standards and Guidelines of Ministry.

Yours faithfully,

  
**(A.K. Kushwaha)**  
 CE, S&R (Roads)  
 For DG (RD) & SS

Copy to:

1. All ROs/ ELOs of MoRTH and all Technical Officers at MoRTH Headquarter;
2. PPS to Secretary (RTH), PPS to DG (RD) &SS, PS to AS&FA, PS to all ADGs;
3. Technical circular file of S&R (P&B) Section.