



GOVERNMENT OF INDIA
MINISTRY OF ROAD TRANSPORT & HIGHWAYS
AN ISO 9001:2008 CERTIFIED MINISTRY
SR&T(R) ZONE

404.49

IAHE Campus,
A-5, Sector-62,
Noida-201301.

F. No. RW/NH-33044/24/2015/S&R (R)

Dated: the 27th December, 2016

To

1. The Chief Secretaries of all the State Governments/ UTs
2. The Principal Secretaries/ Secretaries of all States/ UTs Public Works Department dealing with National Highways, other centrally sponsored schemes.
3. All Engineers-in-Chief and Chief Engineers of Public Works Department of States/ UTs dealing with National Highways, other centrally sponsored schemes.
4. The Director General (Border Roads), Seema Sadak Bhawan, Ring Road, New Delhi-1100.
5. The Chairman, National Highways Authority of India, G-5 & 6, Sector-10, Dwarka, New Delhi-110 075.
6. The Managing Director, NHIDCL, PTI Building, New Delhi-110001
7. All ROs and ELOs of the Ministry

Subject: Use of plastic waste in bituminous mixes in construction of National Highways

Madam/Sir,

As per Ministry's circular of even number dated 19th November, 2015 bituminous mixes with the waste plastic is the default mode for the periodic renewal with the hot mixes within 50 km periphery of urban area having population more than five lakhs. In addition to this, it has been decided that in each State/UT, bituminous mixes with the waste plastic may be used as per IRC:SP:98:2013 in at least a stretch 10 km as pilot project. In order to study the performance of the roads constructed with the use of waste plastic, CRRI/reputed engineering college(s) like IITs/NITs/Government Engineering colleges may also be engaged so that the efficiency of the system can be confirmed before making it mandatory in the contracts.

2. In view of the above, all the agencies are requested to take necessary steps for implementation of this circular and send the details of identified stretches to be constructed with waste plastic to Chief Engineer, Standard & Research (Roads). In future, the feedback on the performance of the stretches constructed with waste plastic as prepared by the above mentioned institutes may also be sent to Chief Engineer, Standard & Research (Roads) at every 6 months interval.

this all the agencies are requested to take necessary steps and action taken report may please be send within 15 days of the issue of this circular to the Chief Engineer, SR&T (Roads).

Manoj Kumar

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3. In every review meeting conducted by Chief Engineer, Monitoring (MoRTH), the implementation of this circular will be monitored.

Manoj Kumar

(Manoj Kumar)

**Executive Engineer (NFSG) (S, R&T) (Roads)
For Director General (Road Development) & SS**

Copy to:

1. PSs to Hon'ble Minister (RTH&S), Hon'ble Minister of State (RTH&S) & Hon'ble Minister of State (RTH&S and C&F) – for kind information.
2. PPS to secretary (RT&H) – for kind information
3. Sr. PPS to DG(RD)&SS.
4. PPS to AS &FA – for kind information.
5. All CEs in the Ministry of Road Transport & Highways – They may get identified stretches in consultation with implementing agencies and ensure implementation of this circular. The chief Engineer (Monitoring) to include the implementation of this circular in every review meeting as an agenda item for review.
6. PPSs to all ADGs.
7. PS to JS(T)/JS(H)/JS(LA&C)/JS(EIC).
8. All Technical Officers in the Ministry of Road Transport & Highways
9. The Secretary General, Indian Roads Congress
10. Director, IAHE.
11. Technical circular file of S&R (R) Section
12. NIC-for uploading on Ministry's website under "What's new" and " circulars & notices on National Highways from 1.1.2016 onwards."