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GOVERNMENT OF INDIA
MINISTRY OF ROAD TRANSPORT & HIGHWAYS

Transport Bhawan,
1, Parliament Street,
New Delhi – 110001

No. RW/NH- 33044/14/2003- S&R(R)

Dated: 12 December, 2012

To

1. The Chief Secretaries of all State Governments/U.Ts.
2. The Principal Secretaries /Secretaries of all States/U.Ts. Public Works Department dealing with National Highways, other Centrally Sponsored Schemes and State Schemes.
3. The Engineers-in-Chief and Chief Engineers of Public Works Departments of States/U.Ts dealing with National Highways, other Centrally Sponsored Schemes and State Schemes.
4. Director General (Border Roads), Seema Sadak Bhawan, Ring Road, New Delhi-110 010.
5. Chairman, National Highways Authority of India, Plot No G5&6, Sector 10, Dwarka, New Delhi-110075

Subject: Tentative Guidelines for providing Research & Test (ResT) reaches along National Highways

It is observed that new materials/techniques accredited by the Indian Roads Congress (IRC) are not getting wide acceptance in the absence of demonstrable field testing within the Country. As a confidence building measure with a view to bring in new eco-friendly materials & technology to conserve scarce natural resources & bring in cost effectiveness, training personnel in quality construction & improving quality of construction, it is felt that Research & Test (ResT) reaches may be provided along NHs, wherever required with industry, academia & other stakeholder participation.

1.2 For this purpose, the road will be widened by minimum 9 m beyond the roadway and paved for a minimum 7 m beyond existing paved portion for about 300 m length (minimum 100 m straight portion)(as shown in Annex1) by the highway agency (or by the entrepreneur stakeholder where indicated) with new materials/techniques as above. The pavement surfacing is expected to have adequate strength to withstand forces due to frequent braking and acceleration of the heavy vehicles, and interlocking concrete blocks can also be considered for this purpose, facilitating their reuse in case of future widening of the NH.

1.3 The performance will be monitored by Third-Party evaluation through CRRI/ reputed Research / Educational Institutions, the cost of which can be met from the Q.C./contingencies of the

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Ministry of Road Transport
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the National Highway. The road alignment should preferably have easy gradient in the vicinity of the complex. The distance between two such facilities shall be about 50 km.


4.2 One to five such ResT facilities may be identified and implemented as pilot projects in each State by a two member Committee consisting of the Chief Engineer or his nominee of the implementing agency and RO of this Ministry.

4.3 The ResT reach as above may be offered on lease to the Entrepreneurs through open competitive bidding on the stipulated Terms & Conditions. The Entrepreneur shall construct the additional facilities as per the drawing enclosed at *Annex-I* and maintain the same for the specified period. *The Entrepreneur shall be required to maintain adequate illumination, and consistent power supply round the clock by using appropriate source of power supply. The kiosk shall be open at least between 7am & 11 pm, and those toilets specified as free-toilets round the clock with adequate lighting at night & running water supply.* The revenue from advertisements in accordance with Ministry's extant guidelines for pick-up bus stop issued vide letter no RW/NH-33044/42/2008-S7R® Dated 25th Nov, 2010 and the usage charges for providing these facilities to the users may accrue to the Entrepreneur.

5. The contents of this Circular may be brought to the notice of all concerned in your Organization. Feedback on these guidelines / based on the pilot projects is solicited, so that appropriate policy guidelines may be evolved for uniform adoption.

6. This issues with the approval of competent authority.

Yours Faithfully,


(Sanjay K Nirmal)

Superintending Engineer

For Director General (Road Development)& Special Secretary

Encl. As stated above

Copy forwarded to:

- 1 All Technical officers in the Ministry of Road Transport & Highways
- 2 All ROs and ELOs
- 3 The Director IAHE, Noida, UP
- 4 Secretary General, Indian Roads Congress, New Delhi- IRC is requested to consider getting the performance of the new emerging materials tested through such pilot projects as a part of their accreditation process. They may also participate in the evaluation.
- 5 NIC for placing the circular on the website
- 6 Technical circular file

works. This performance monitoring shall be done during construction, after first monsoon season and up to two years after construction.

2.1 As a part of its endeavour to provide world class infrastructure and related services for the highway network, the Ministry had been issuing instructions for setting up passenger oriented wayside amenities along the National Highways in the country, to provide relief and relaxation to the road users during long distance travel. The requisite Guidelines for the purpose had already been issued vide this Ministry's letter no. RW/NH-34032/4/91-DO-III dated the 3rd April, 1998. For this purpose, the Ministry had launched Schemes for provision of basic wayside amenities along National Highways both by Government as well as Private Sector financing. In addition, Ministry had also issued guidelines regarding construction of pick up bus stops on NHs in rural areas vide letter no. NHIII/P/37/77 dated 1st August, 1979 for the convenience of local passengers.

2.2 However, it is felt that most of the National Highways especially those newly declared during the current Five Year Plan are deficient in the basic wayside facilities to make passenger travel safe, comfortable and convenient. The ResT reaches when developed as in para above, may serve the purpose of layby / pick-up bus stop, or rest area for the travelling public providing basic rest / toilet (ResT) facilities and maintained / sustained through the private sector participation. The basic facilities will include:

- (i) Toilets
- (ii) Drinking Water
- (iii) Passenger shelters and parking lots
- (iv) Kiosk for sale of snacks, miscellaneous items and for providing specified facilities
- (v) ATMs where required by the banks may also be included

3.1 During evaluation of the ResT reach, the remaining portion of the existing carriageway may be kept reserved for parking of vehicles of the evaluation personnel; a temporary toilet and a multipurpose room, preferably portable, on the other side of the road may also be considered as a facility during the evaluation period.

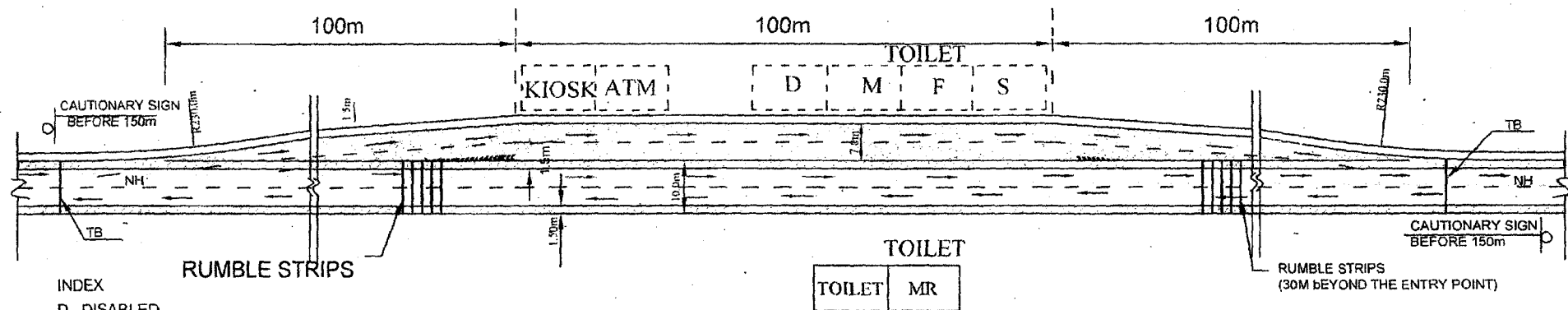
3.2 After the evaluation period is over, traffic may be restored on the existing / original carriageway with the ResT reach getting converted as rest & toilet facility/ layby or pickup bus stop for the travelling public.

3.3 The highway implementing agency of such pilot projects are required to submit the performance of the materials along with their recommendations for improvement etc to this Ministry.

4.1. Suitable sections of National Highways may be identified for such ResT reaches as in para 1 above for subsequent maintenance / sustenance as in para 2 above on 'pilot project' basis. The location of these facilities should, as far as possible, be along a straight reach of

RECOMMENDED LAYOUT FOR Rest ALONG NATIONAL HIGHWAYS

ANNEXURE-1



INDEX

D - DISABLED

M - MEN

F - Female

S - Service & Drinking Water

TB - Transverse Bars as per S&R Circular.DL.04.05.2012

MR - MULTIPURPOSE ROOM

SCALE:NOT TO SCALE

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