



IRF WORLD ROAD MEETING 2017

/ 14-17 NOVEMBER / DELHI / INDIA /

CROSS/ ROADS

LINKING MOBILITY SOLUTIONS

Future of Road Safety and Capacity in India

15th November 2017: 16.30-18.00

Road safety a serious concern globally and India is with a worst record of road safety among the nations. Roads are an integral part of the transport system and as the network congestion increases, the capacity is expanded by development of new roads and expanding capacity of the existing network. Since last almost two decades the road infrastructure development in India was taken as priority and as a catalyst for all other developments. Thus, all categories of roads in the network have been improved for mobility, but it has caused other associated problems of road safety, as seen from the safety performance of the network.

It is believed that the improvement in the mobility by capacity expansion is inescapable necessity, but there is a need to examine the forgiveness of the infrastructure in the event of an incident or accident. The road users will continue to make mistakes, if they fail to cope with the road environment they face during their travel. It is to be realised now that it is the reciprocal rights and responsibilities of the providers and managers of the road network as much as that of road users, for a road crash. Therefore, the future requirement is to provide the forgiving infrastructure and there is plenty of learning from the forerunners who have already managed to contain this menace systematically.

The capacity requirement of the network will continue to grow as the vehicle ownership grows unabated. The modern concept of network management is to manage the existing capacity for its full use before expanding. The extravagant way of capacity enhancement has many negative implications, which can be avoided by use of data-led analysis and establishment of capacity standards. In India, such a gigantic task has been completed recently to develop a highway capacity manual, which is a significant stride for the country. Indo-HCM is required to be adopted uniformly for judicious development of the network capacity.

The presentations in the Special Session will be as follows:

1	Chairman	Introduction
2	Mr. Atul Kumar, CGM, NHAI	Forgiving Roads, a Necessity in India
3	Prof. Satish Chandra, Director, CRRRI	Overview of the Development of Indo-HCM
4	Dr. S. Velmurugan, Chief Scientist, CRRRI	Road Safety Audit and Action Plan for State Highways and Major District Roads
5.	645: Mr. Ravi Prasad VVSS Palakodeti, MoRTH, India	Road Safety Culture in Indian Context In all the Facets of Highway Development – Need of the Hour
6	819: Ms. Angshukana Datta, ICT, India	Smart, Safe And Green Travel - The Essence Of Best Practice In Developed And Developing Countries (Analysis Based On Case Studies)
7	Chairman	Lead the Discussion
8	Chairman	Concluding Remarks

