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सचिव, भारत सरकार
Secretary to the Government of India

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Dear Chief Secretary,

The Ministry of Urban Development had got a Transport Study titled "Traffic and Transportation Strategies and Policies in Urban areas in India" in 1994 to establish the urban transport scenario and forecast the anticipated issues that would most likely crop up in the future. Since the ground situation had changed completely from 1994, this Ministry has recently got another study on the same topic conducted through M/s. Wilbur Smith Associates Pvt. Ltd. The final report has been recently submitted. A copy of the Executive Summary of the Report is enclosed for ready reference. The full report has been hosted on the website of Ministry of Urban Development i.e. www.urbanindia.nic.in.

2. *The objectives of the study were to :*
 - Establish a comprehensive baseline of the traffic and transport scenario in urban areas in India, separately for all million plus cities and for a second level of cities with a population range of 0.5 to one million (including all the State Capitals that are not covered under the one million plus category of cities).
 - Validate and refine the projections made in the previous study of similar nature, the report of which was submitted in 1998, under the title "Traffic and Transportation Policies and Strategies in Urban Areas in India".
 - Establish an independent and reliable basis for the formulation of future policies and programmes for the management of urban transport in India.
 - Form a reliable database for future research and academic work in the area of urban transport.
3. The study short listed 30 cities as sample cities based on size, shape of the city, availability of public transport, economic activity level, congestion and geographical locations to be the true representative of all eighty seven 0.5 million plus cities and the State capitals in India . The list of the cities are given in the Executive Summary.
4. As a part of the study, generic relationship have been developed between various transport characteristics and demographics which will be useful in establishing transport characteristics in any city. Furthermore, parameters of the transportation model have been regressed with city demographics. Though the sample size of data collection was not very huge, these relations can be used to establish transportation forecast for not only these 30 cities, but also for similar cities with some more data collection and validation of the model. The study has further established various

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transportation indices to evaluate city level transportation performance across various cities. These indices include:

- Public Transport Accessibility Index
- Service Accessibility Index
- Congestion Index
- Walkability Index
- City bus supply Index
- Safety Index
- Para Transit Index
- Slow Moving Vehicles Index
- On- street Parking Interference Index

5. The tremendous amount of data which has been collected and collated through this study can be used for planning of various transportation projects and also for further research. Since development of a Comprehensive Mobility Plan (CMP) is a must and has been put as a mandatory condition by this Ministry for accessing Central Government funds for transportation projects, the transportation models under this study can be used for developing Comprehensive Mobility Plans with only little extra inputs which will be helpful in cutting down the time for developing the CMP's not only for 30 selected cities but also for similar cities. The relationship developed for modeling which includes speed flow curves can be used to obtain strategic results for any city in India. The various transportation indices developed would also be used for assessing the outcomes of various urban transport measures.

I would, therefore, request you to direct concerned officials to make full use of the results of this study.

With regards,

Yours sincerely,



(M. Ramachandran)

Encl: As above.

All Chief Secretaries