Comprehensive Transportation Study

Overview:

To improve the traffic and transportation facilities in Mumbai Metropolitan Region (MMR), MMRDA with World Bank assistance under Mumbai Urban Transport Project (MUTP) successfully completed the Comprehensive Transport Study in July, 2008.

Features/Objectives:
Following are the objectives of the study:

(i) Identify travel pattern of residents of MMR
(ii) Select, develop and operationalize an Urban Transport Planning model using state-of-the-art modeling techniques and software package, appropriate to the conditions and planning needs of MMR;
(iii) Assess the relevance of the 1994 strategy, identify the consequences of pursuing alternative transport strategies, and recommend/update a long-term comprehensive transport strategy for MMR
(iv) Identify for all modes a phased program of appropriate and affordable investments and policy proposals up to 2016; and
(v) Help strengthen transport planning skills, and transfer all data, planning model/tools and knowledge obtained through the study to MMRDA and other agencies such as Mumbai Rail Vikas Corporation (MRVC), City & Industrial Development Corporation (CIDCO) and Municipal Corporation of Greater Mumbai (MCGM).

In this study, required short term, medium and Long term transport infrastructure for year 2016, 2021 and 2031 respectively is recommended. Following are the CTS recommendations by year 2031:

- Development of the prevailing mass transit system & road network.
- Proposed 435 kms Metro network, 1740 kms Highway network and 248 kms suburban railway network by 2031.
- Assist in establishment of Unified Mumbai Metropolitan transport Authority (UMMTA).
- Updation of the schemes in MMR and development plan of the Urban Local Bodies based on Transportation Strategy.
As per CTS recommendation, it is proposed to implement the 435 kms Metro network, 1740 kms Highway network and 248 kms suburban railway network by 2031 in a planned and phased manner as per availability of fund.

**Present Status:**

All Corporations/ ULB’s in MMR have been requested through UMMTA to incorporate the CTS recommendations in their respective Development Plan. The task of incorporation of these recommendations in Regional plan of MMR is in process.
Recommended Metro Corridors, Highway Network for year 2031

Legend:
- Suburban Train
- Metro
- Exclusive Bus Lanes on Roads (EBL)

Long Term (2031+) Transit Network

Long Term (2031+) Highway Network