



EXECUTIVE SUMMARY

1. Vijayawada is an important and growing city. Vijayawada Municipal Corporation (VMC) have initiated preparation of Comprehensive Traffic and Transport Plan for the city. The study is being carried out by M/s Consulting Engineering Services (India) Private Limited.
2. The study area includes VMC area and extends over 68.10 Sq. km. It comprises 59 wards which have been identified as Traffic Analysis zones (TAZ). For easy appreciation of the characteristics the TAZs have been regrouped into 11 Planning Sectors.
3. The Study Area contained a population size of 8.45 lakhs in 2001. The present (2006) population is estimated to be 9.28 lakhs.
4. A large number of surveys have been carried out to appreciate the transport system, traffic and travel characteristics of the city and its people. Important amongst them are Outer Cordon Surveys, Screen Line Surveys, Intersection Turning Movement Surveys, Speed & Delay Survey, Parking Surveys and Household Interview Survey
5. 1.98 lakh vehicles enter and exit Vijayawada in an average day. Commercial vehicles account for a share of 51%. Within the city the traffic intensity on the road is high leading to congestion, delays and other negative impacts.
6. The average household size in Vijayawada is observed to be 4.31. The city is of young people with high literacy. The household average monthly income is Rs. 5347. Economically Weaker Sections (EWS) and Lower Income Group (LIG) people predominate (68.8%).
7. About 12.61 lakh person trips per day are generated within Vijayawada. The mobility rate of the people of the city is reasonably high (PCTR 1.36 i/c 'Walk'). The share by public mass transport system (PMTS) is very low (22.68%). Concerted efforts are required to improve the PMTS of the city.
8. Accelerated growth of the city, increasing travel demand, inadequate road network system with poor pattern and absence of hierarchy, large number of physical constraints like hills, river, water channels, railway lines etc all add to problems of movement.
9. Considering the potential growth of Vijayawada, to enable the city to be productive and competitive, it is important that the transport system of the city is developed and operated to promote mobility of people, goods and services within the city.