

TRANSPORTATION DEMAND ANALYSIS

- Transportation demand analysis plays several important roles in transportation engineering and planning. The goals of transportation demand analysis are to describe travel in meaningful terms, to explain travel behaviour and on the basis of an understanding of travel behaviour, to predict demand for various types of transportation services.
- **Travel Demand Modelling**
 - ü Trip generation models
 - ü Trip distribution models
 - ü Mode choice models
 - ü Trip assignment models

HIGHWAY ADMINISTRATION AND FINANCE

– Administration – 3 tiers of government & PPP

– **Highway Finance**

Traditionally given the public goods nature of highways the financing structure and sources of finance are closely related to the role of government. Many of these attempts is to minimize risk to the government. These are- toll financing, equity financing, subordinated loans, etc.

- Selecting & measuring evaluation criteria
- Evaluation based on economic criteria