





ANNEX

Statement of Work - Department of Transportation (DOT)

1. Complete the development of the UMOT (Unified Mechanism of Travel) model for urban passenger travel, including a dynamic representation of both travel and urban form. Selection of a high level language for computer program will be made in consultation with the Federal Ministry of Transport (MOT) to assure the widest possible use of the model.
2. Test the UMOT model on both U.S. data as well as data supplied by MOT. To the extent feasible, compare the results to those obtained from disaggregate models.
3. Thoroughly document the model for use by planners, analysts and decision makers.
4. Examine data on U.S. intercity passenger travel to ascertain the behavioral basis underlying such travel. Both personal and business travel will be examined. Compare with results of complementary investigation by MOT.
5. Develop or adapt a UMOT type aggregate model based on the behavioral characteristics discovered in Task 4. The model will emphasize total travel and modal split as a function of supply characteristics, including fuel cost.
6. Test the model on both U.S. data as well as data supplied by the MOT. To the extent feasible, compare the results with those obtained from disaggregate models.
7. Exchange data sources with the MOT to assure wide testing of models.
8. Exchange reports of research results with the MOT. Furnish the MOT with reports on other aspects of research in urban analysis, including that done in self organizing systems.
9. Review and critique the work done by the MOT.
10. Participate with the MOT in joint seminars and workshops.

