



*Travel Model Improvement Program  
(TMIP)*

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## ***TRAVEL MODEL IMPROVEMENT PROGRAM (TMIP)***

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- ***Track A - Outreach***
- ***Track B - Near Term***
- ***Track C - Long Term***
- ***Track D - Data***
- ***Track E - Land Use***
- ***Track F - Freight***



## ***TRACK A - TRAINING AND TECHNICAL ASSISTANCE***

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- ***Seminars***
  - *Land Use Forecasting*
  - *Model Validation and Calibration*
  - *Vehicle Availability*
- ***TMIP E-Mail List***
- ***Metropolitan Transportation Planning Issues: A Primer/Anthology for Small and Medium MPOs***
- ***Revisions to Introduction to Travel Demand Forecasting Course***



# *TMIP Website*

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- *The TMIP Website is <http://tmip.tamu.edu>*
- *The following pages are available*
  - *About TMIP*
  - *Clearinghouse*
  - *Communication*
  - *Conferences*
  - *Courses*
  - *National Transportation Library*
  - *TMIP E-Mail*
  - *TRANSIMS Website*



## ***TMIP E-Mail List***

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- ***To join, send a message to:***
  - ***subscribe@list.bts.gov with “subscribe tmip your name” in the first line of the message***
- ***For full directions for the TMIP e-mail list, go to [http://www.bts.gov/tmip/e\\_list.htm](http://www.bts.gov/tmip/e_list.htm)***



## ***TRACK B - NEAR TERM***

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- ***Completed Projects - The Most Recent***
  - ***Transfer Penalties in Urban Mode Choice Modeling***
  - ***Travel Model Speed Estimation and Post Processing Methods for Air Quality Analysis***
  - ***Time of Day Modeling Procedures***
  - ***A System of Activity-Based Models in Portland, Oregon***
  - ***Land Use Compendium***
  - ***Guidelines for Network Representation of Transit Access***



## ***TRACK B - NEAR TERM***

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- ***Projects in Printing***

- ***Model Validation and Reasonableness Checking***
- ***Vehicle Availability Modeling***



# *TRACK D - DATA*

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## ■ *Products*

- *Travel Survey Manual*
- *Scan of Recent Travel Surveys*
- *Scan of Recent Data Research*
- *Portland Case Study*
- *Introduction to Panel Surveys*
- *Nonresponse in Household Travel Surveys*





## ***TRACK E - LAND USE***

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### **■ Completed projects**

- ***Effects of Land Use and Travel Demand Management Strategies on Commuting Behavior, November 1994***
- ***Land Use Modeling Conference Proceedings, February 1995***
- ***Urban Design, Telecommuting, and Travel Forecasting Conference, October 1996***
- ***Land Use Forecasting Compendium, March 1998***



# ***TRACK E - LAND USE***

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## **■ *Projects In Printing***

- *Integrated Transportation and Land Use Forecasting: Sensitivity Tests of Alternative Model System Configurations***
- *Land Use Forecasting Case Studies: A Synthesis and Summary***
- *Data Collection & Modeling Requirements for Assessing Transportation Impacts of Micro-Scale Design***



# ***TRANSIMS Advances***

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- ***Transit Representation and Operation***
- ***Walk and Bike Representation***
- ***Intra-Household Shared Rides***
- ***Added Capability to Visualizer (for example Illustration of Activities by Location and Time-of-Day)***
- ***Network Validation Tools***
- ***Working on Improvements to TRANSIMS Documentation***
- ***Will Offer a TRANSIMS Tutorial on the Sunday before TRB***



# ***EARLY DEPLOYMENT PROJECT***

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## **■ *Research and Development***

- ***June `99***
  - ***Interim version of TRANSIMS released***
- ***Jan. `00***
  - ***Began Portland Case Study***
- ***Jan `01***
  - ***Base Year Portland Case Study Complete (96-97)***
- ***Fall `01***
  - ***Additional capability added to Portland TRANSIMS software (HOV, ITS, etc.)***
- ***Aug`00 - July`03***
  - ***LANL Support to Software Contractor***



# ***EARLY DEPLOYMENT PROJECT***

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## **■ Software Commercialization**

- ***June `99***
  - ***Initial conference of parties interested in TRANSIMS***
- ***Sep. `99***
  - ***Pre-Bidder conference***
- ***Approximately August `00***
  - ***Award Contract***
  - ***May '99 TRANSIMS release to contractor***
- ***Feb `01***
  - ***Portland TRANSIMS software to prime***
- ***Early `02***
  - ***First version of TRANSIMS***
  - ***Ongoing support to LPTA's***



# ***EARLY DEPLOYMENT PROJECT***

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## ■ ***LPTA Deployment***

- ***April '99 - TMIP IV***
  - ***session on MPO participation***
- ***Sept. '99***
  - ***Letter Describing Process Issued***
- ***Spring '01***
  - ***Identify sites***
    - + ***sites to be phased over 3 year period***
    - + ***Portland will be first site***



# ***EARLY DEPLOYMENT PROJECT***

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- ***LPTA Deployment  
(continued)***

- ***June '01***
  - ***Funding to First Two MPOs***
  - ***Data Collection & Preparation***
- ***June '02***
  - ***Software delivered to First Two MPOs***
  - ***Second Two MPOs receive Funding***