



**MINUTES-Draft**  
**NRPC TRANSPORTATION TECHNICAL ADVISORY COMMITTEE MEETING**  
**8/20/03**

**Members Present:** Steve Williams, NRPC  
Andrew Singlelakis, NRPC  
Jay Minkarah, Town of Merrimack  
Roger Houston, City of Nashua, Community Development  
Susan Klasen, City of Nashua  
Bruce Barry, Town of Amherst  
Dave Szczublewski, NH DOT-Planning  
Becky Ohler, NH DES

**Others Present:** Ray Guarino, NRPC Transportation Planner  
Betsy Hahn, NRPC Regional Planner  
Matt Waitkins, NRPC Transportation Planner  
Ryan Friedman, NRPC Transportation Planner  
Camille Pattison, NRPC Transit Planner  
Steve Wagner, NRPC Regional Planner  
John Vogl, NRPC GIS Mgr.

**Document Handouts**

Ten Year Plan Expenditures for the 12 Largest Municipalities  
Ten Year Plan Funding proposed by Regional Planning Commission  
Ten Year Plan Projects proposed by the 12 municipalities in the Nashua Region

**Meeting opened and Review of Minutes**

The meeting was called to order by Steve Williams at 3:03 PM. Williams asked the Committee if there were any corrections to the minutes from the 6/18/03 meeting. Roger Houston moved to accept the minutes and Becky Ohler seconded. All were in favor and the motion passed.

**NRPC Executive Director's Update/Summary of the Draft FY05 to FY14 Ten Year Plan**

Andrew Singelakis informed the Committee that federal funding is expected to decrease and the time frames for projects currently listed in the handouts will change. The highlights of the handouts included the following:

- The proposed funding for NHS, STP, and HP in the Nashua RPC is \$61,054,4000 with a 20% match of \$12,210,880.
- The proposed funding for Transit is \$21,967,000 and \$58,181,000 for Turnpike. The Region does not receive funding for Interstate Management.
- The Circumferential Highway is out of the Ten Year Plan and is now on a "wish list" (beyond 2014).
- The widening of the FEET north of Exit 11 has been added.
- The Airport Access Road is on schedule.
- The Route 101 Project has \$100,000 for a preliminary engineering study but in reality needs \$1 million to complete.
- The FEET Exit 36 Project near Pheasant Lane Mall did not make the Ten Year Plan.
- The Benson's Property Mitigation Project is proposed to receive \$8 million for sub-surface waste removal.



### **Transportation Enhancement (TE) and CMAQ Applications**

Williams stated that there were 12 TE applications and 8 CMAQ applications received. Ranking of the applications will take place at the September 17, 2003 TTAC meeting at 1 PM and then forwarded to NH DOT by October 1st.

### **Regional Travel Demand Forecasting Model Update**

The last Regional Travel Demand Forecast was done in the mid 1990's and the NRPC is presently undertaking a major upgrade to the model. The five goals of the model are:

- Ease of use – The use of TransCad, which is a GIS and Travel Demand Model combination currently used in ¾ of the MPO's nationwide.
- Realistic turning movement counts – Currently NRPC uses 468 traffic analysis zones. These large zones inhibit the accurate forecasting of volumes and turning movements on local streets. NRPC will be using slightly over 2,000 zones in the new model.
- Determining peak hour traffic – Different types of land use result in different peak hours. NRPC will analyze non-residential land uses such as retail and schools to better define peak hours. This will also incorporate the NH Dept. of Employment database to improve the land use inputs.
- Realistic future land use forecast – NRPC will be developing land use data for the model at the parcel level. This provides a better picture of vacant land and future development potential.
- Backward computability – Currently the model uses 538 miles of roadway. The new model increases the roadway miles by 257% for a total of 1,385.

### **Questions/Comments from the Committee:**

Becky Ohler – Why keep the current 538 road miles?

Steve Williams – Conformity would be impossible until the SIP budget is revisited.

Andrew Singelakis – What is the model timeframe?

Steve Williams – Calibration should be completed by late fall.

Becky Ohler – Should the Statewide Model have the same level of detail?

Steve Williams - It is not needed at that level.

Next Meeting, **September 17 at 1 PM.**

Meeting was adjourned at 4:03 PM.

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