

## TPB Task Order Research Topics

### FY-2006 (VHB)

- Attend Meetings and Assess TPB Work Program in Models Development and Data Collection
- Review Managed Lanes Modeling
- External Trip Forecast
- Review Experience with Equilibrium Assignment
- Review of Current Use of Activity-Based Modeling

### FY-2007 (VHB)

- Attend Meetings and Assess TPB Work Program in Models Development and Data Collection
- Review FTA Summit Software
- Review the Use of Dynamic Traffic Assignment and Traffic Simulation Models
- Research the State of the Art in Equilibrium Assignment
- Research Techniques for Peak Spreading Analysis
- Research the Use of Cutlines for Model Validation
- Review Other MPOs' Experience with Speed Feedback and Nested Logit

### FY-2008 (VHB)

- Attend Meetings and Assess TPB Work Program in Models Development and Data Collection
- Expand Traffic Count Database Collected During FY2007 to Cover Larger Portion of the TPB Region and Perform Further Analysis of Regional Peak Spreading
- Research Change in External-Internal Travel in the TPB Region Over Time and the Implications of Those Changes on Forecasting and Planning

### FY-2009 (CSI)

- Attend Meetings and Assess TPB Work Program in Models Development and Data Collection
- Fuel Prices in Travel Forecasting Models
- Recommended Approach to Near-Term Model Enhancements
- Framework for "Before" and "After" Study of HOV Network Effects Due to New HOT Lanes