

# San Francisco Model Validation

*presented to*

**TRB Innovations in Travel Demand  
Modeling Conference**

*presented by*

**Maren Outwater, Cambridge Systematics, Inc.  
Billy Charlton, San Francisco County Transportation Authority**

May 22, 2006

**CAMBRIDGE**  
SYSTEMATICS



**Transportation leadership you can trust.**

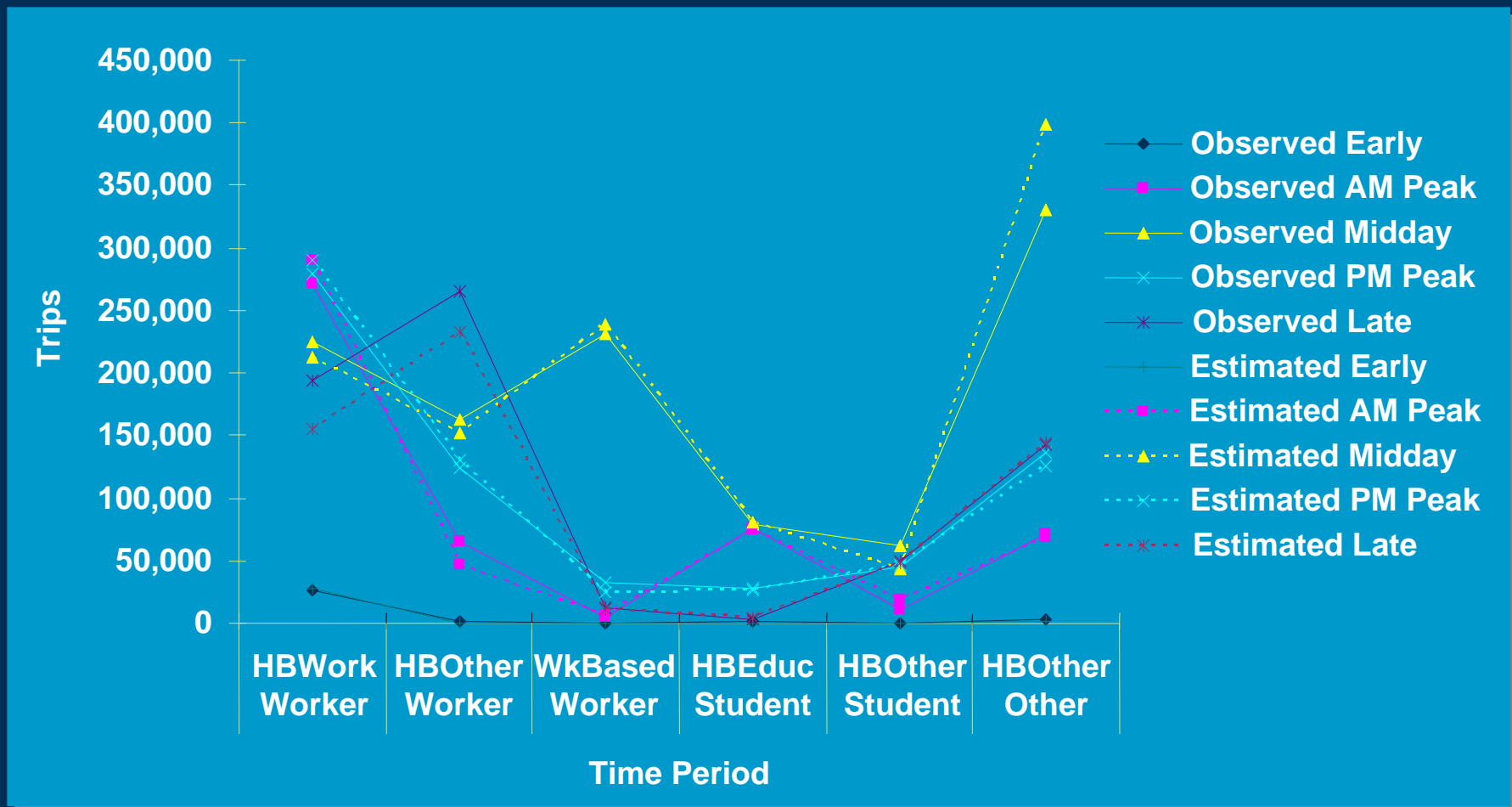
# Model Validation

- **Vehicle Availability**
- **Day Pattern Model**
- **Destination Choice**
- **Mode Choice**
- **Trip Assignment**

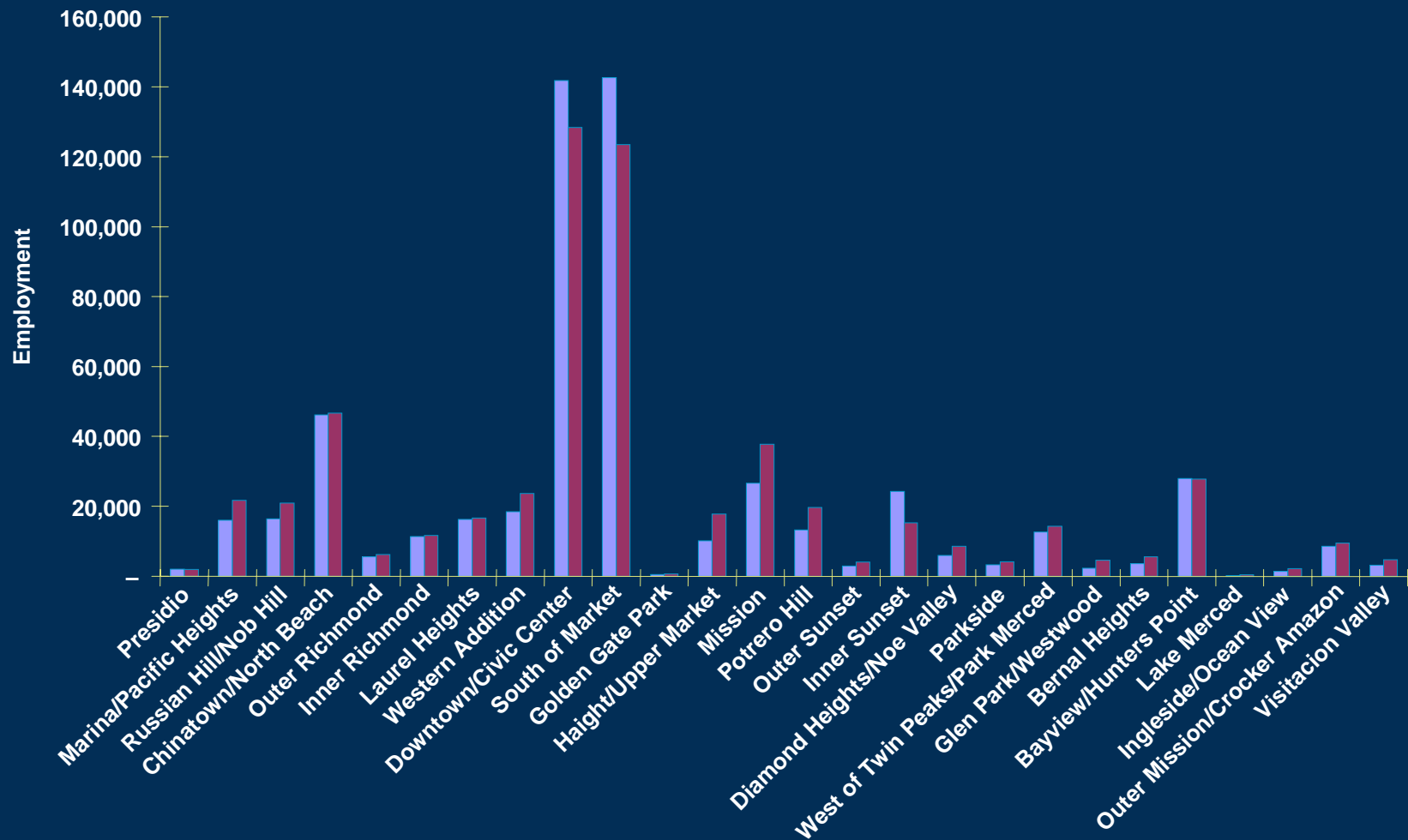


# Validation of Day Pattern Model

## Trips by Time of Day, Person and Tour Type

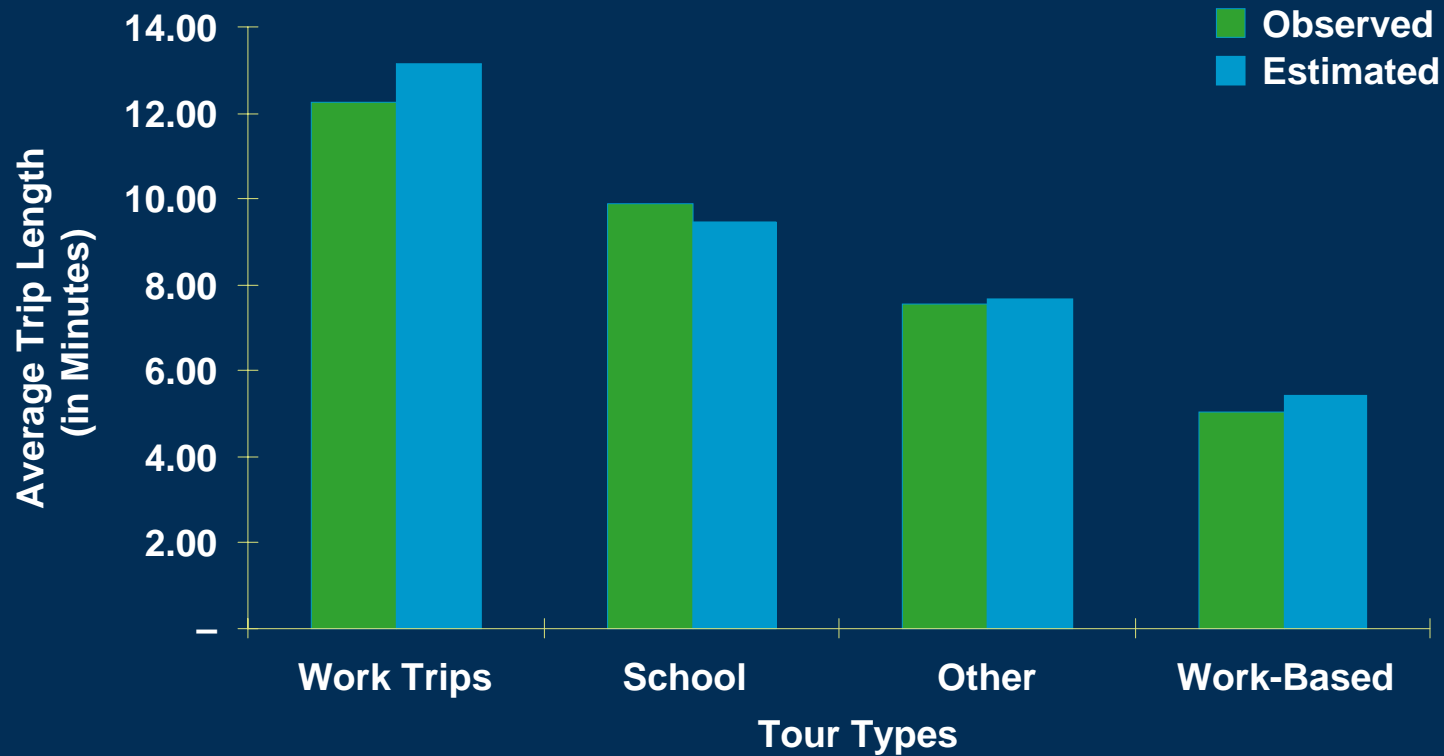


# Validation of Destination Choice Model Workplace Locations by Neighborhood



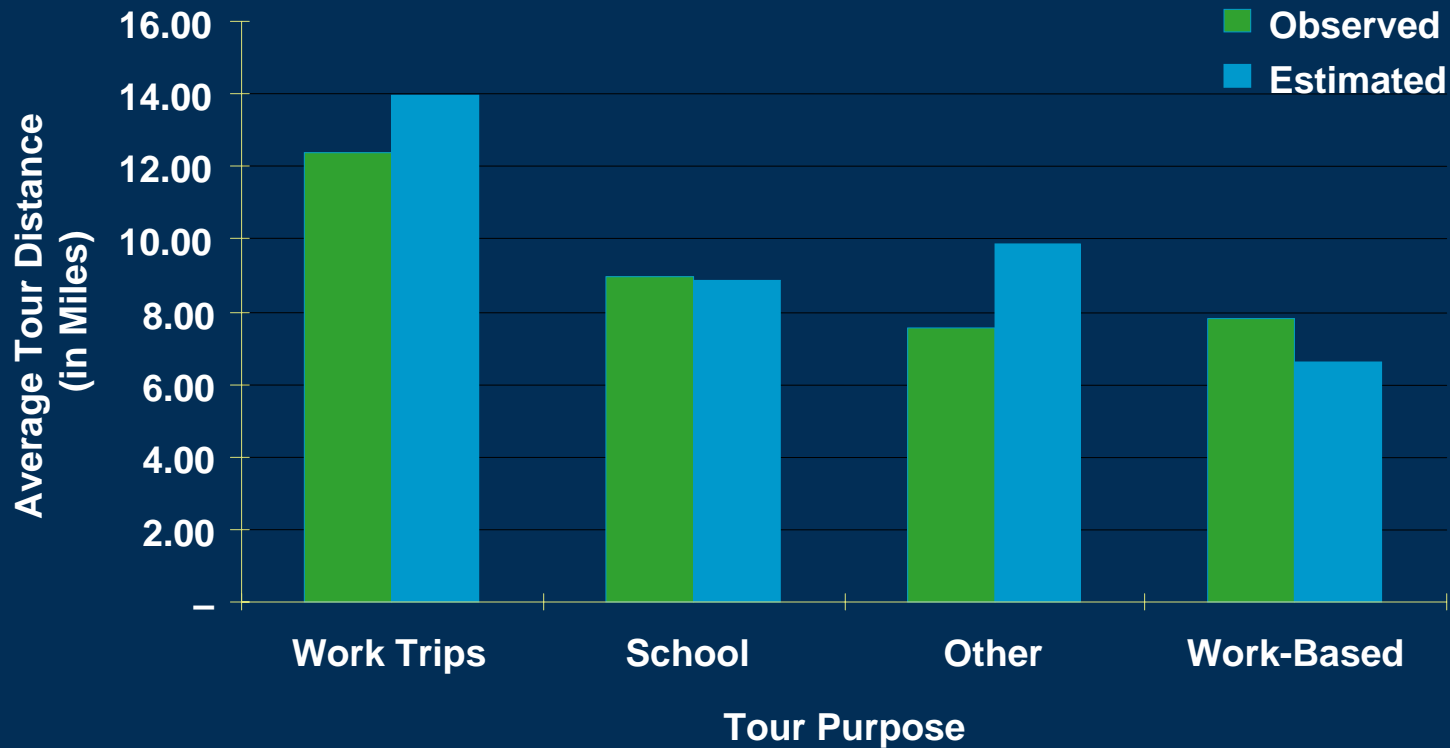
# Validation of Destination Choice Model

## Average Time to/from Primary Destinations



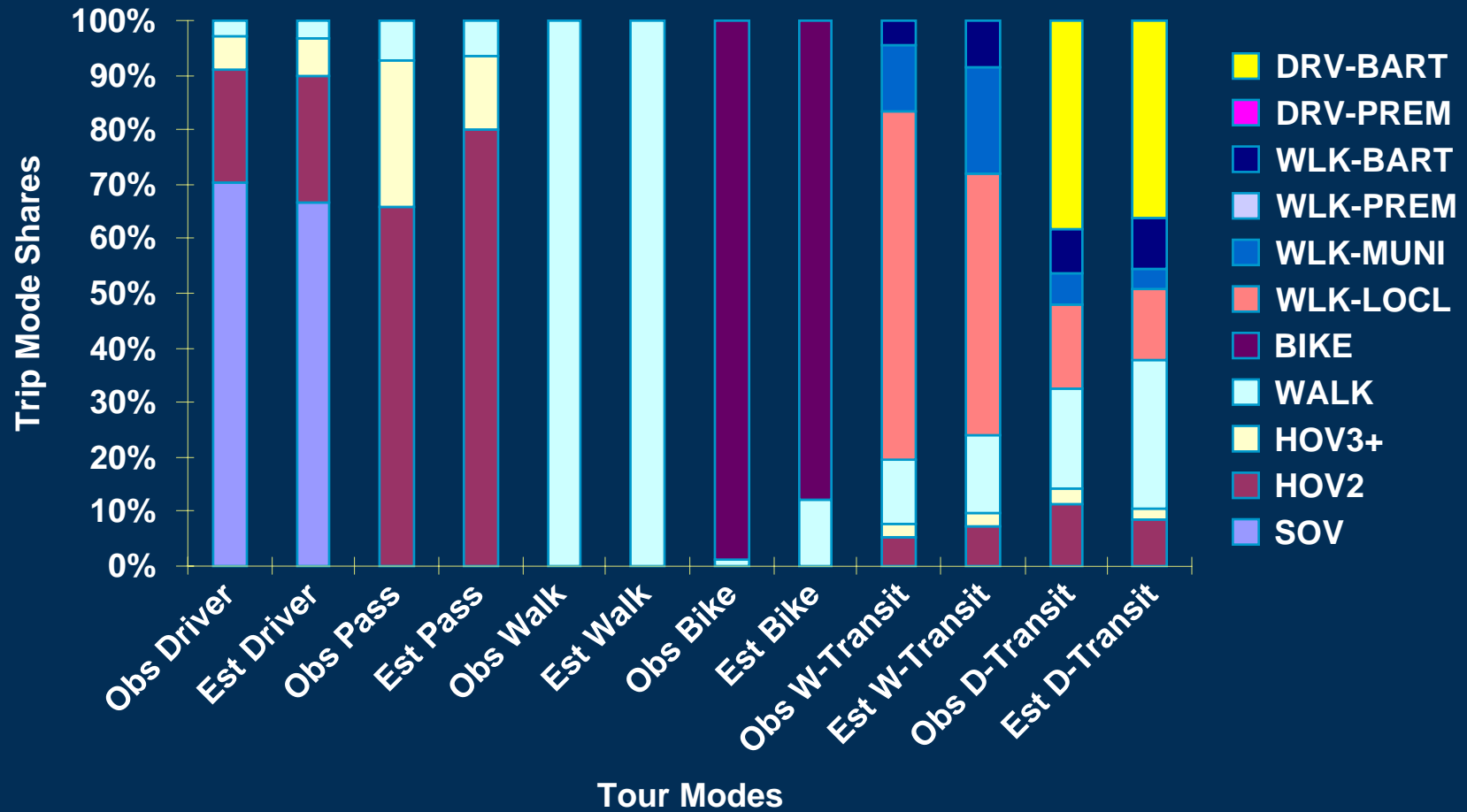
# Validation of Destination Choice Model

## Total Tour Length

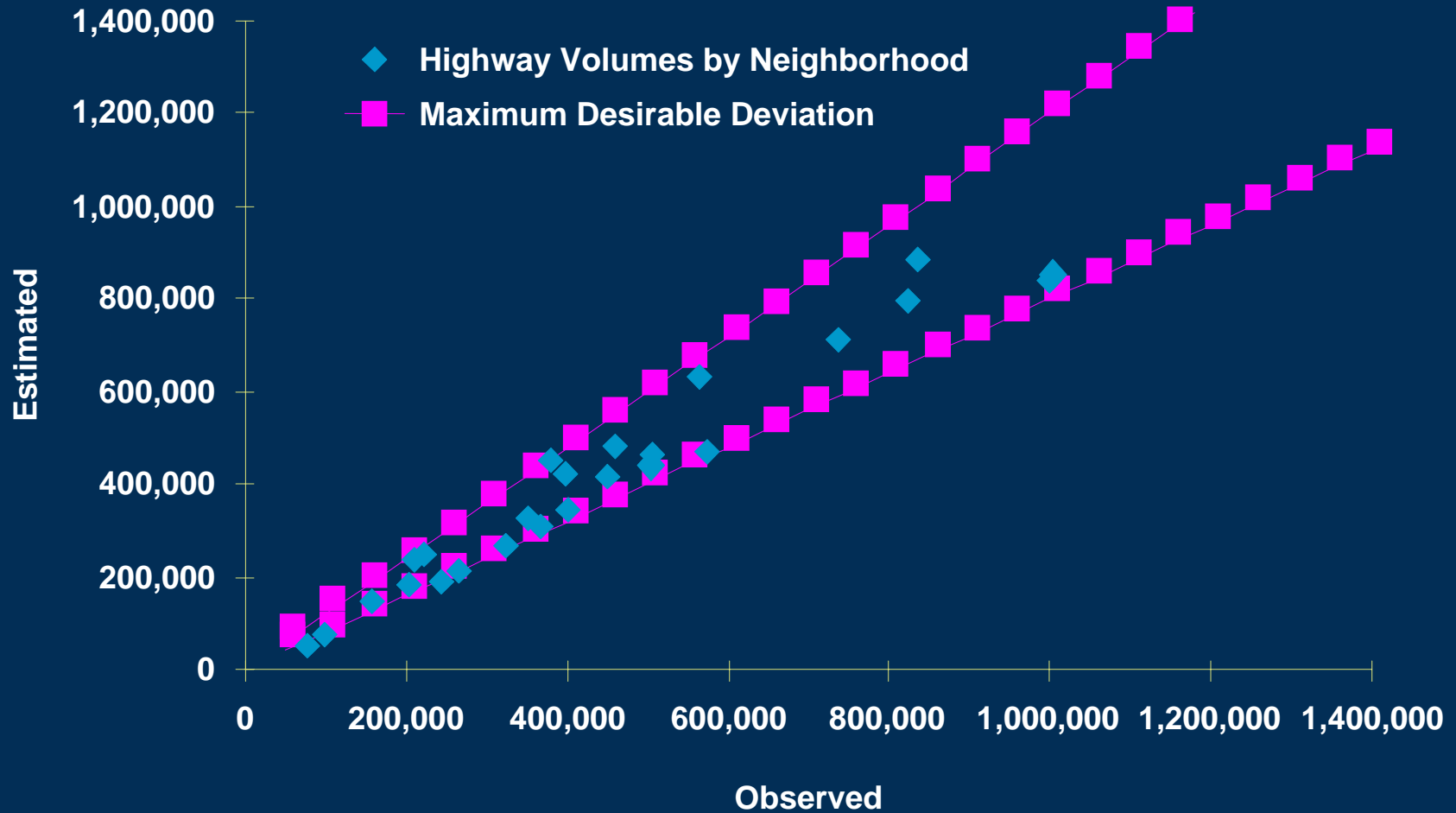


# Validation of Mode Choice Model

## Trip Mode Shares by Tour Mode



# Validation of Trip Assignment Model Highway Volumes by Neighborhood





# Validation of Trip Assignment Model Transit Boardings by Route Group

