Mn/DOT Environmental Stewardship Workshop
2010 Travel Behavior Inventory
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Council or predecessors have conducted a similar survey every ten year since 1940’s.

Consists of a battery of surveys:
- Household Interview Survey
- Transit On-Board Survey
- External Origin-Destination Survey
- Roadway Speeds Survey
- Special Generator Surveys

2010 Travel Behavior Inventory
Predominantly a one week day survey of all travel by household residents 5 years old or older.

Planned for 12,200 surveyed households ~ 1% sample.

20 county area (7 region counties plus ring counties)

Address based due to cell-phone only households

Participate by mail, phone, or web

2010 Travel Behavior Inventory: Household Interview Survey
Currently at about halfway point in survey
Follow-up survey to MnPASS users or potential MnPASS users
2% of surveyed households will use GPS for 7 days for validation data and data on trip variability
Data available in mid-2012
16,000 transit riders surveyed last fall
Focused on routes added since 2005 and in transitway corridors
Data will be available in May 2011.
Air passenger survey at Minneapolis-St. Paul International Airport
Survey 1000 passengers on 40 flights over 4 days.
Gather information on trip origin, destination, trip purpose, mode of access to terminal
Data availability is anticipated to be late 2011

2010 Travel Behavior Inventory: Airport Survey
Capture data on trip entering 20 county region
License plate capture and mail-out survey
Final survey size has not yet been determined
Data availability is anticipated to be late 2011

2010 Travel Behavior Inventory: External Station Survey
- RTMC data used for instrumented highways
- Floating car or Tom-Tom/Inrix data for arterials
- Gather free-flow and congested speeds for all road and area type combinations

2010 Travel Behavior Inventory: Roadway Speeds Survey
University and Colleges
Mall of America
Both still under development

2010 Travel Behavior Inventory: Special Generator Surveys
Updated model expected to be released in mid-2013
Responsive to pricing policies, peak spreading, smaller-scale road improvements, and smaller-scale transit improvements
Moving towards tour based model for better linkage of persons day long travel

2010 Travel Behavior Inventory: Model Development
Questions?