Analyzing and Visualizing Trip Distributions with Web Maps

Amy Smith
Fehr & Peers
@wolfmapper
How do land use decisions affect travel patterns in a community?

Based on the anticipated changes in travel patterns, how can transportation be improved?
Facilitating dynamic assessment of potential future conditions.
About the Dynamic Trips Tool

The Workflow:

- City planners log into the web map and specify scenario attributes
- Dynamic trips analysis is run
- Outputs are evaluated
- The process is re-run for multiple scenarios
Step 1: Logging In
Step 2: Configuring Scenario Attributes
Step 3: Setting Analysis Parameters
Step 4: Reviewing Results
About the Development

- Travel Demand Forecasts
- Excel Spreadsheets and Lookup Tables
- Python-based Script Tools
- Map and Geoprocessing Services
- Flexviewer
Questions
Thanks!

Amy Smith
a.smith@fehrandpeers.com
@wolfmapper