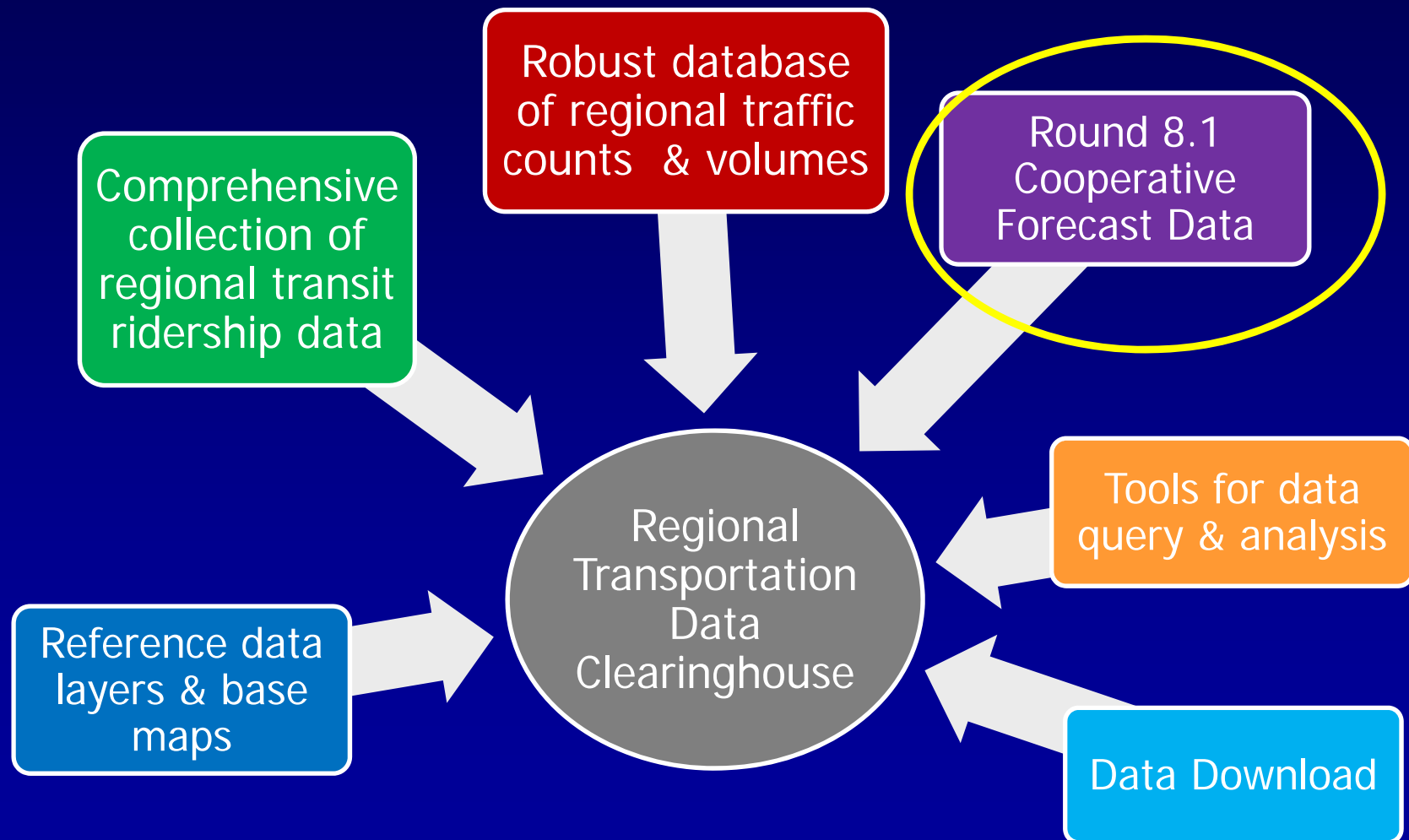*Briefing on the*

TPB
Regional Transportation Data Clearinghouse
(RTDC)

Charlene Howard
TPB Staff

Cooperative Forecasting Data Subcommittee
4 June 2013

What is the RTDC?

A web-based transportation data viewer

Robust database of regional traffic counts & volumes

Round 8.1 Cooperative Forecast Data

Comprehensive collection of regional transit ridership data

Regional Transportation Data Clearinghouse

Tools for data query & analysis

Reference data layers & base maps

Data Download

The RTDC at a glance

Components of the RTDC

Widgets- the tools that provide application functionality

- – Query ('select by attribute')

- – Advanced Query- show related data tables

- – Download Data

- – Documents (User's Guide)

- – General

  - • Legend – show symbology for data layers

  - • Zoom to Jurisdictions

  - • Find an Address

  - • Draw and Measure

  - • Print

Available data layers

- – Highway network (traffic related)

  - • Annualized Annual Volumes

    - • AADT

    - • AAWDT

  - • Hourly Traffic Counts

- – Transit Routes- Average Ridership

- – WMATA

  - • Metro Stations

  - • Metro Lines

- – Round 8.1 Cooperative Forecast by TAZ

- – Version 2.3 Screenlines

- – Activity Centers & Clusters (Round 7)

- – Regional Boundaries

Highlights- Traffic Counts/Volumes

- Improved traffic count/volume information for TPB regional highway network links

  – Updated Annualized Traffic Volumes layer to include 2005-2011 data
  – Updated Hourly Traffic Counts layer to include 2008-2011 data
  – Utilized TPB highway network (dual link) for counts layers
  – Added 2.3 version traffic screenlines
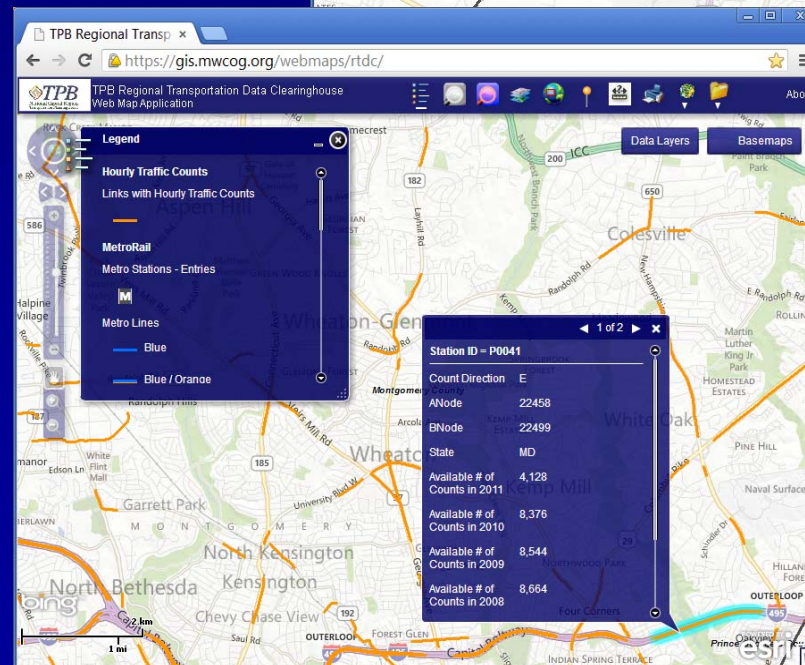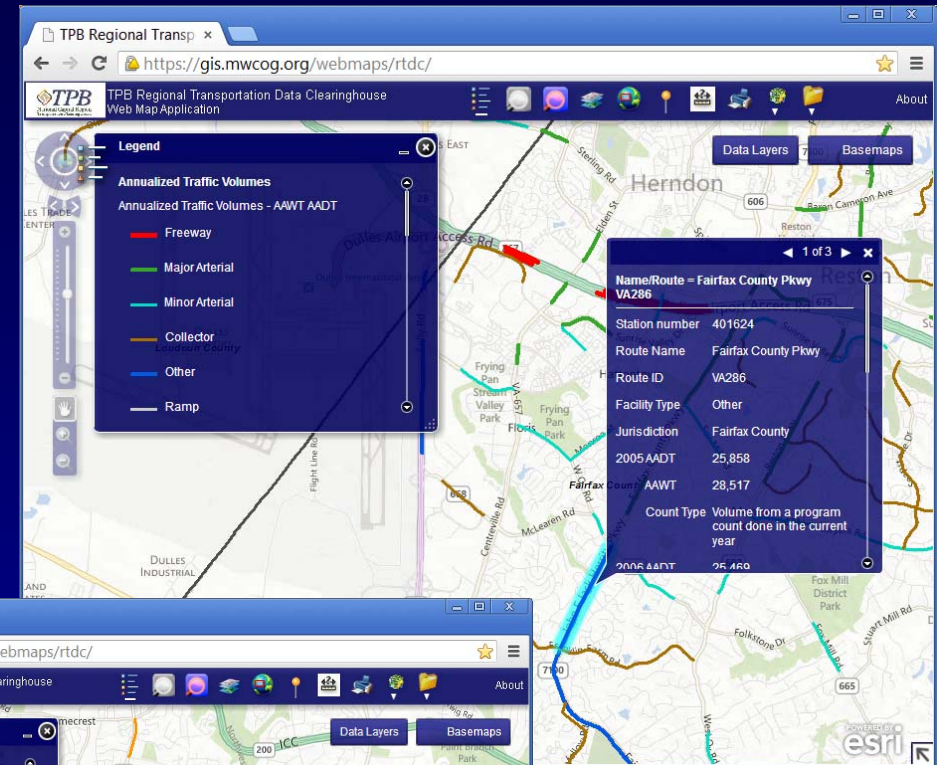
Highlights- Transit ridership data
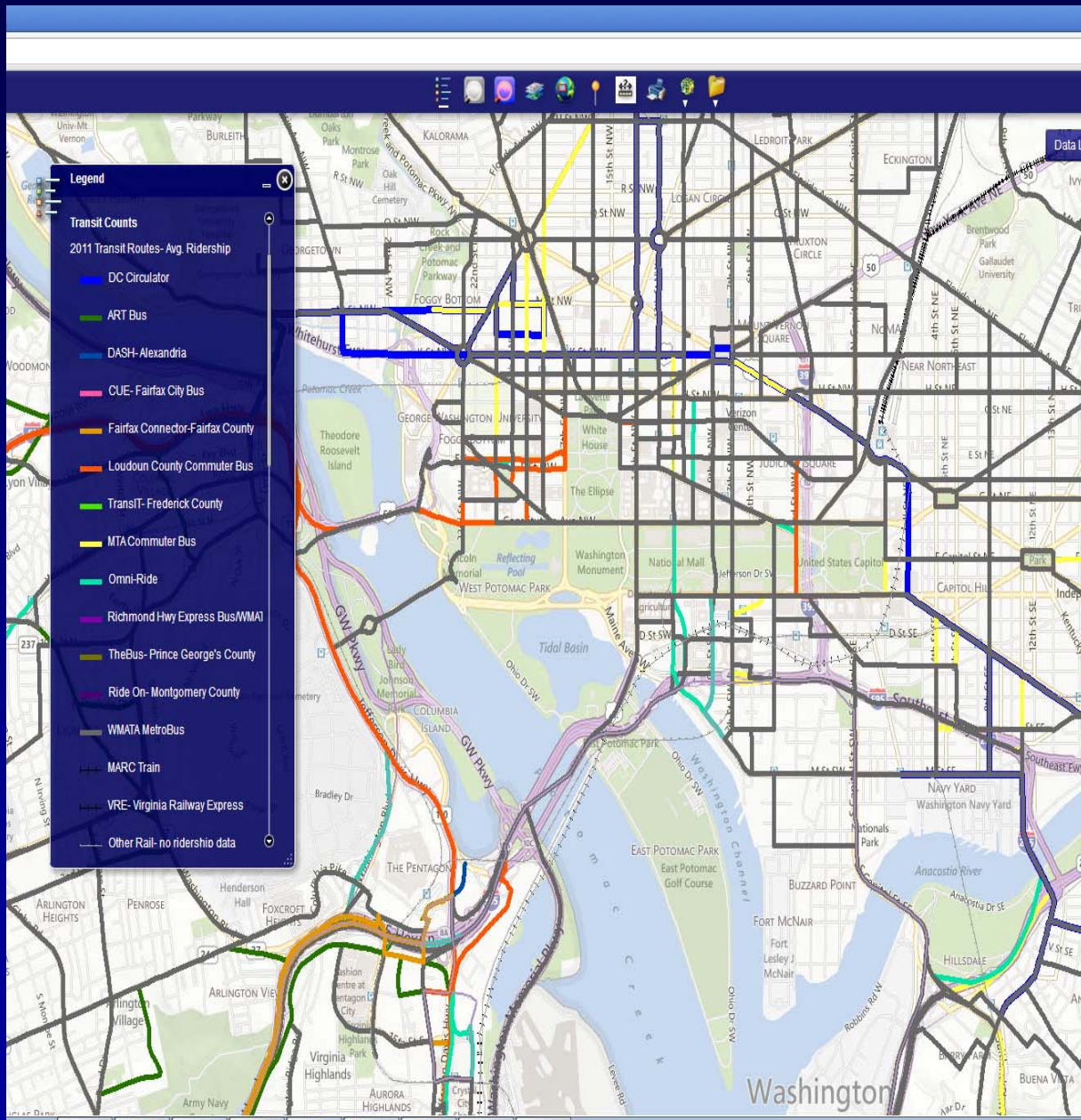
New & existing transit ridership data joined to the 2011 year TPB regional transit network.

Improvements include

- Added DC Circulator routes and ridership data
- Added CUE ridership data
- Added REX routes and ridership data
- Monthly ridership totals through September 2012 (where available)

Highlights- Cooperative Forecast
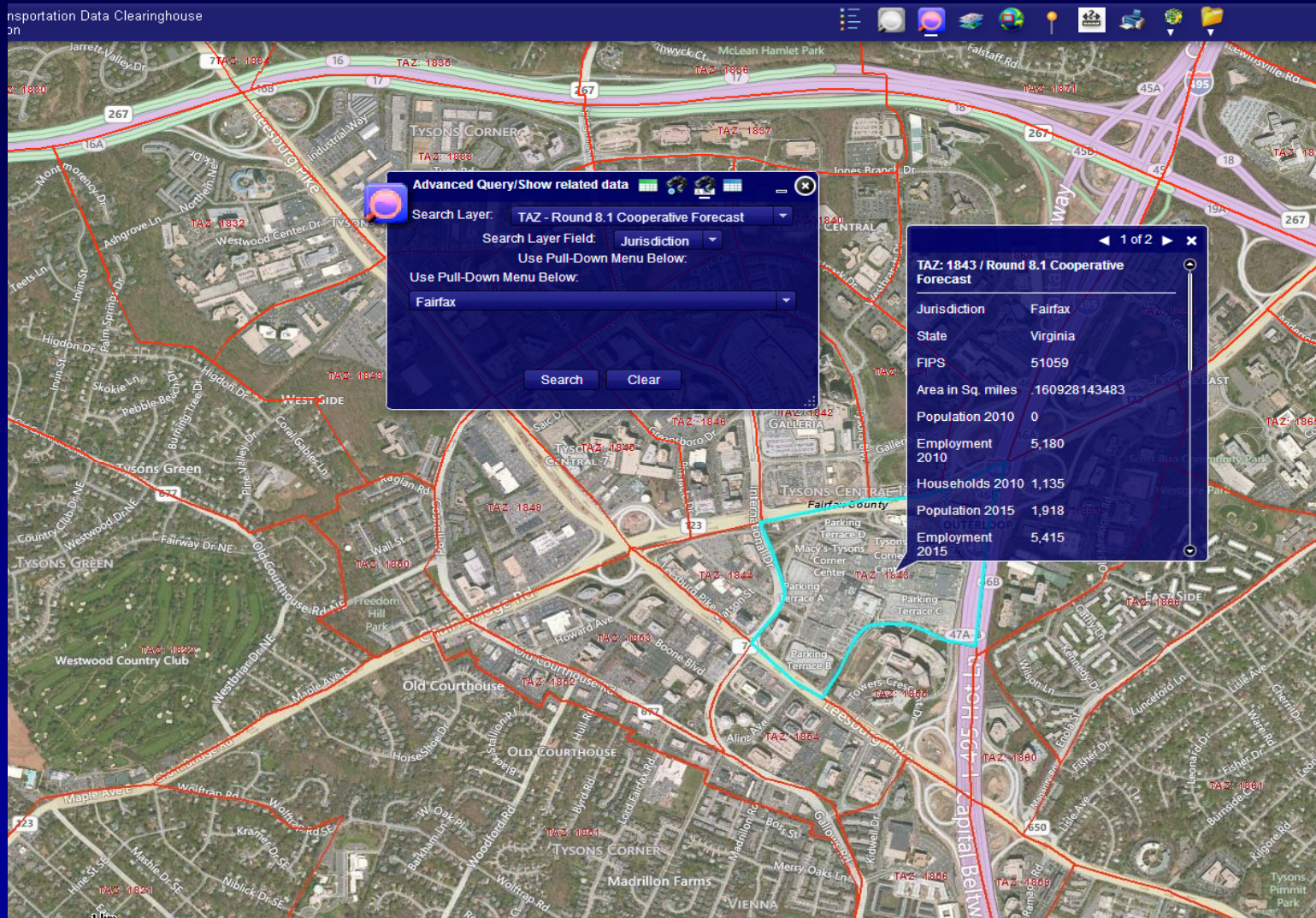
- Round 8.1 Cooperative Forecast land use data by Transportation Analysis Zone (TAZ)

Demonstration

Looking ahead

- Currently the RTDC team is focusing on application improvements and refinements
  - Updating the application to be compatible with the current version of the ArcGIS Viewer for Flex
  - Corrections and adjustments to current datasets in RTDC

- Longer term improvements
  - Data: update current RTDC layers with current data as it becomes available
    - Round 8.2 Cooperative Forecast
    - New Regional Activity Centers (points) and their respective equivalent geographic boundaries
  - Data: additional datasets- what can we add to the RTDC?
    - WMATA data: Metro entry/exit; other survey datasets
    - Capital Bikeshare

  - Application: additional ways to access the data via the interface

The RTDC team

Charlene Howard
John Kent
Martha Kile
Nicole McCall
Yew Yuan

For more questions or comments regarding data, please contact

Charlene Howard
Principal GIS Analyst
202/ 962.3384
charlene@mwcog.org

https://gis.mwcog.org/webmaps/rtdc