Briefing on the

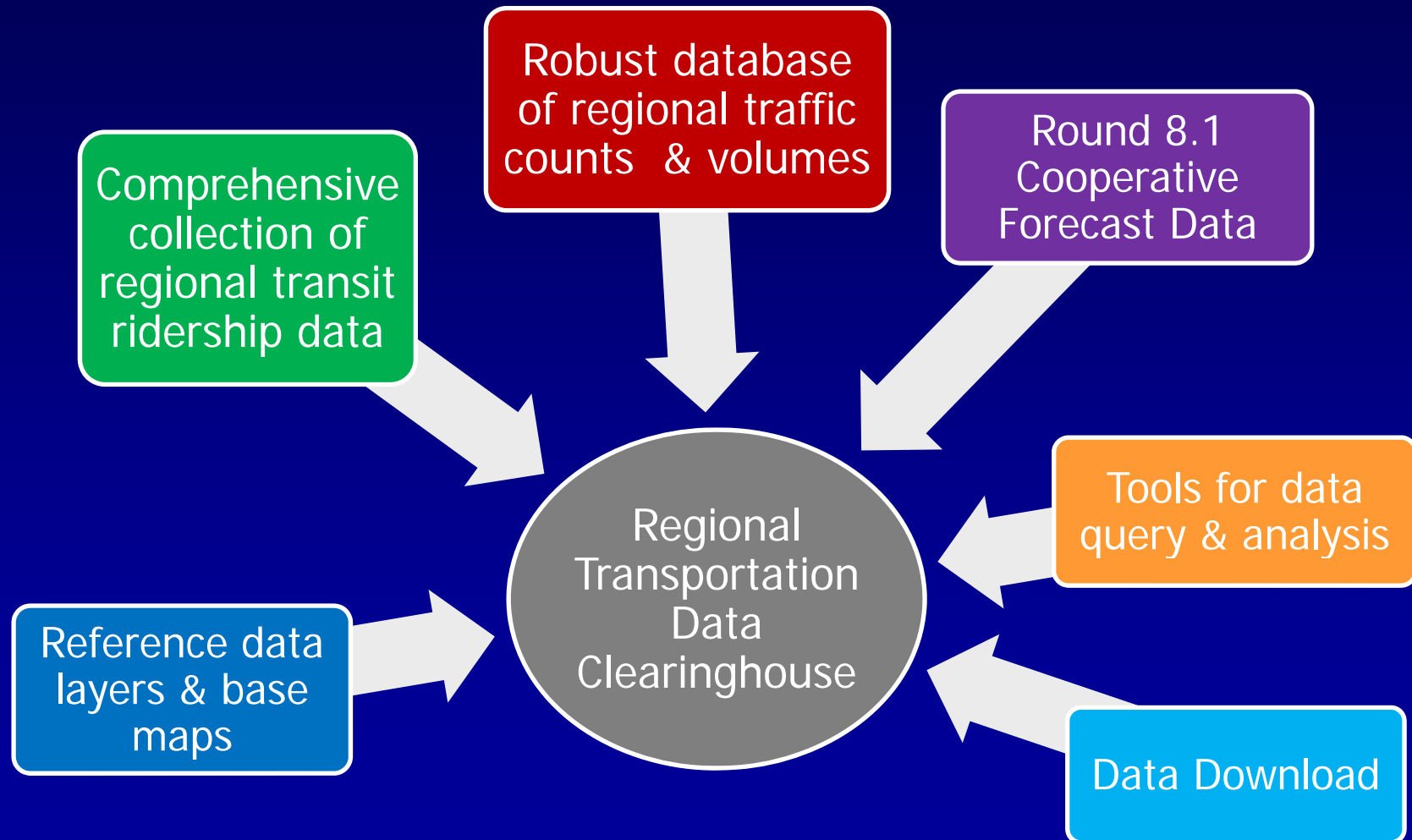# Regional Transportation Data Clearinghouse

Charlene Howard
TPB Staff

TPB Technical Committee
11 January 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

Query layers & display related data tables

Perform queries & export results

Slash screen/ login with credentials

Improved and additional popup menus

Download RTDC data for use in other applications

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
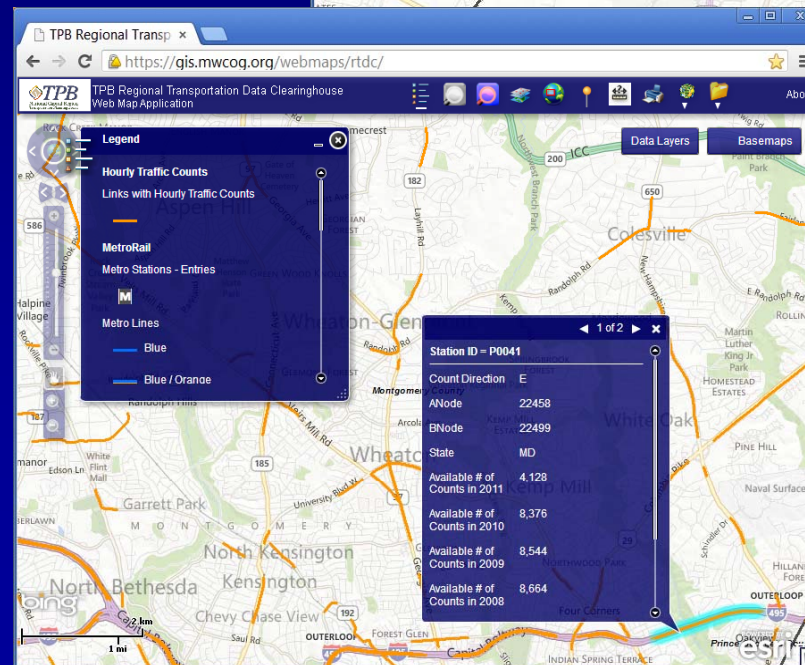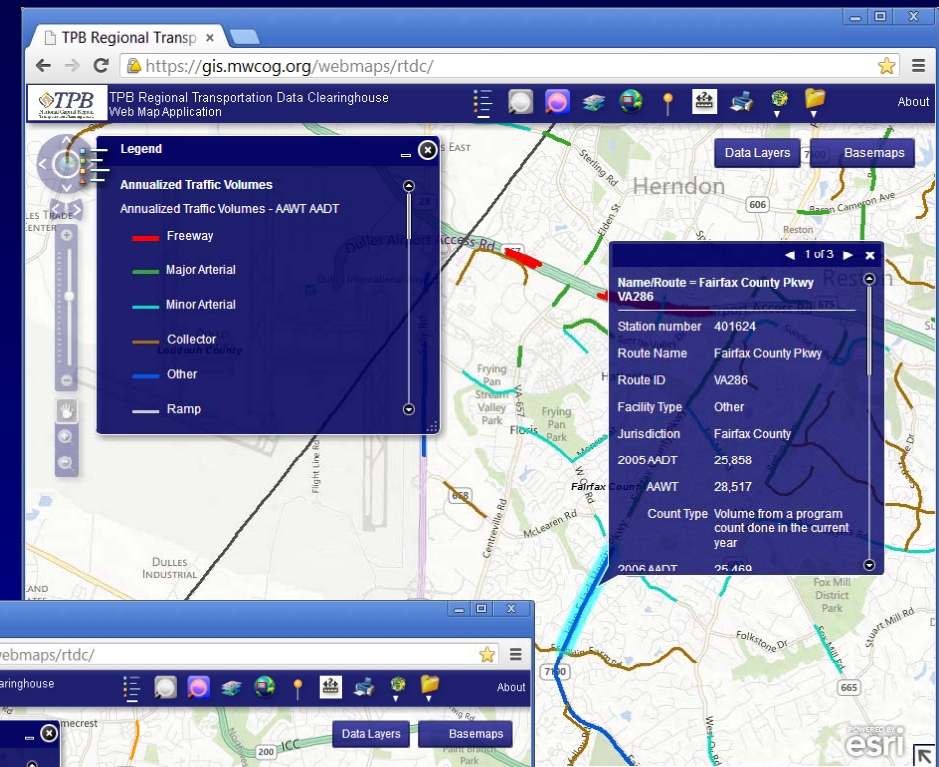
Highlights- Transit ridership data
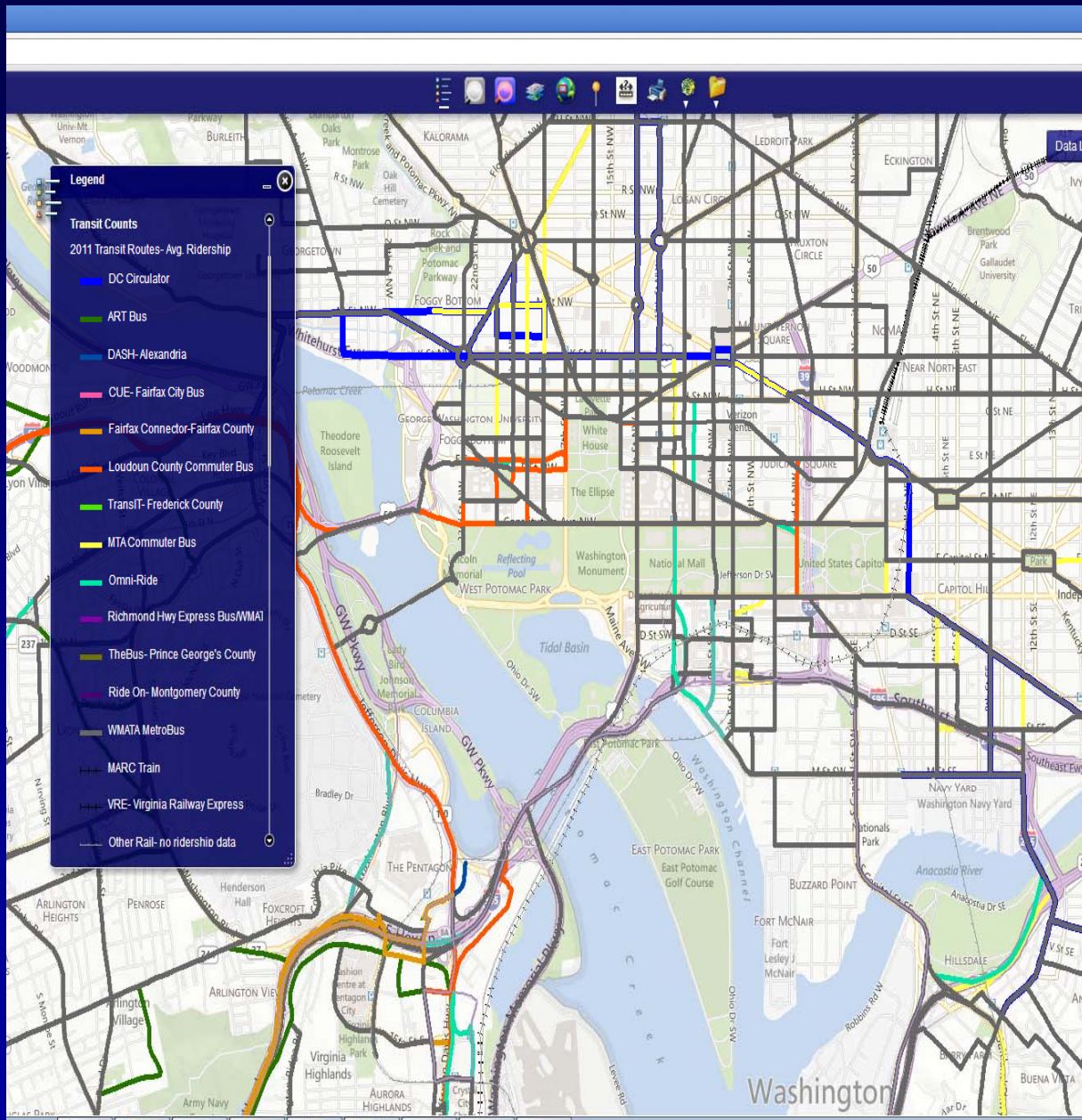
New & existing transit ridership data joined to the 2011 year TPB regional transit network.

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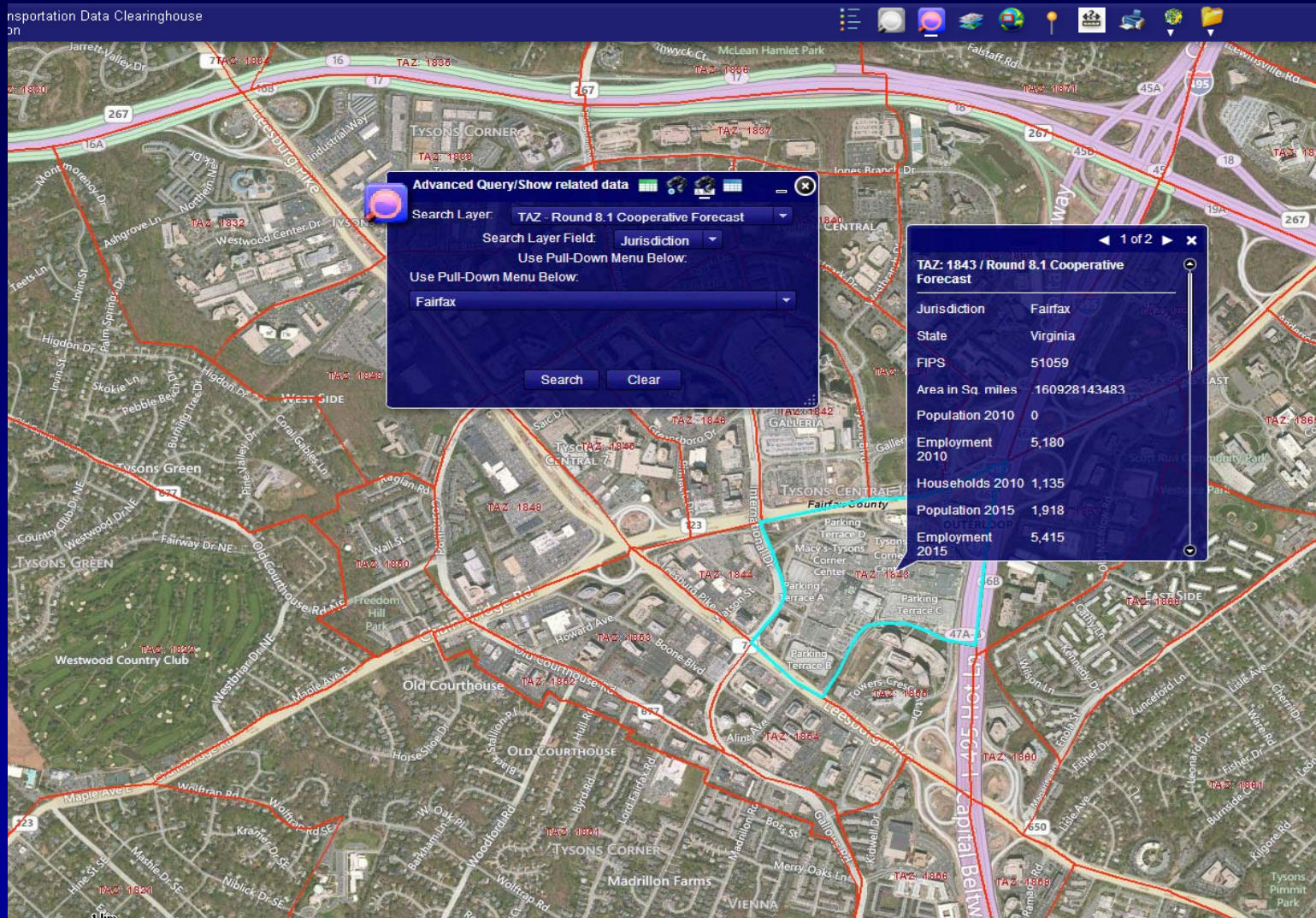
- Round 8.1 Cooperative Forecast land use data by Transportation Analysis Zone (TAZ)

Demonstration

Looking ahead

- Currently the RTDC team is focusing on application improvements and refinements

- Longer term improvements
  - Data: additional datasets- what can we add to the RTDC?
    - Capital Bikeshare Stations
    - Metro Station entry/exit data
    - Other WMATA survey data

  - Data: update current RTDC layers with current data as it becomes available

  - 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