

# Fairfax County Bus Transit Development Plan (TDP)



Public Meetings to Review Draft Final  
Recommendations

Fall 2009

# Agenda

- Purpose of this meeting
- TDP overview
- Results of select TDP tasks
- Draft recommendations review
- Questions/Comments

# TDP Project Overview

- Develop 10-year Transit Development Plan for bus service in the entire County.
- All bus routes funded by and operating in Fairfax County, both Fairfax Connector and Metrobus, have been reviewed and modifications recommended as warranted.
- New and revised services have been proposed based on current needs, current ridership, projected demographics and known large scale projects.
- Other TDP tasks looked at other aspects of service improvements.

# TDP Project Update

- Data collection and analysis is complete
- Initial outreach activities completed in Spring 2008
- Service recommendations in “draft final” form
- Implementation plan to be developed, including phasing of service changes
- Special populations analysis in draft final form
- Potential new park and ride lot locations identified
- Detailed Tysons analysis for Phase 1 Silver Line in progress

## TDP Project Update (continued)

- Met with all members of Board of Supervisors, July 2009.
- Outreach meetings to share the draft final recommendations with the public will be held in Fall 2009.
- Final report, including addressing comments from Board of Supervisors and public, will be available in January 2010.

# Select TDP Tasks Results Overview:

## *Park and Ride Lot Analysis*

- Identified general locations along priority corridor network and elsewhere.
- Located specific potential sites based on existing land use, ownership records and site visits.
- Additional analysis on proposed locations for transit centers, park and ride lots and Connector Stores is underway and this list may be refined.

# Select TDP Tasks Results Overview:

## *Special Populations Analysis*

- Concentrated focus on the transit needs of three populations: seniors, disabled and workforce housing residents.
- Met with and recorded comments and concerns of the Disability Services Board (DSB) and Commission on Aging (COA), and spoke with representatives from the County's Housing and Community Development Department.
- Reviewed locations of these populations vis-à-vis existing services and proposed services.
- Conducted a review of the proposed services.

# Select TDP Tasks Results Overview:

## *Prioritization Methodology*

- Prioritization of recommendations
  - High (Short-term): first 3 years of planning period
  - Medium (Medium-term): second 3 years of the planning period
  - Low (Long-term): last part of the planning period
- Prioritization considers four factors
  - External Project Timelines, i.e. BRAC, Dulles Rail, HOT Lanes
  - Productivity (ridership)
  - Cost-effectiveness
  - Qualitative Measures (e.g. essential mobility needs)

# Service Planning Factors

- Land use/density
- Demographic characteristics
- Travel patterns
- Route design principles
- Market segmentation approach
- Upcoming changes, i.e., BRAC, Dulles Rail, etc.
- Priority corridors
- Performance of existing service

# Existing Route Performance

	Routes	Peak Buses	Weekday Boardings	Boardings/ Rev-Mile	Boardings/ Platform-Hr	Boardings/ Trip
South County	24	72	20,591	1.78	22	26
North County	26	74	19,762	1.60	25	22
All Fairfax Connector	50	146	40,353	1.69	24	24
All Metrobus in County	41	238	72,463	2.57	36	56

# Recommendations Summary

- Overall goal is prudent service expansion
- Rationalize/improve existing service
  - Underperforming
  - Duplicative
  - Circuitous
  - Unreliable
- Serve new markets
- Accommodate/take advantage of external changes
  - BRAC
  - Silver Line
  - HOT Lanes

# Service Strategies and Examples

- Improve frequency of service
  - 151/2 Richmond Highway Circulators
- Extend service hours
  - 463 Dunn Loring-Tysons midday and Saturday service
- Overlay limited-stop premium service
  - 401 Backlick/Gallows
- Split long routes to improve reliability
  - Metrobus 2B Lee Highway split at Dunn Loring
- Improve directness
  - Metrobus 3T Pimmit Hills
- Create new connections
  - Franconia-Springfield to GMU via Roberts Road

# Service Strategies and Examples (cont'd)

- Extend routes to cover new areas
  - Metrobus 1C rerouted through Government Center area
- Combine route segments more effectively
  - Rework 305 and 307 into new 309
- Establish new express routes using HOT Lanes
  - Tysons to Fort Belvoir
- Establish new neighborhood circulators with smaller buses
  - New Burke neighborhood shuttles
- Accommodate Silver Line construction
  - Restructure Reston service to future Wiehle Ave station
  - New Tysons Link shuttles

# Recommendations Focus:

## *Neighborhood Shuttles and Circulators*

- Existing Circulators:
  - Richmond Highway Circulators (151/152, 161/162) [full-size]
  - Greater Springfield Circulators (321/322) [full-size]
  - I-95 Circulators (331/332) [full-size]
  - TAGS Shuttles [small]
  - RIBS [small]
- New Circulators and Shuttles:
  - McLean Connector [small]
  - Wolf Trap Shuttle [TBD based on demand]
  - Tysons Shuttles [small]
  - Wiehle Avenue Area Circulator (959) [full-size]
  - Merrifield Circulator [medium]
  - Fairfax Connector 950 Conversion to Reston/Herndon Circulator [small]
  - Annandale Circulator [small]
  - Burke Circulators [small]
  - I-95 Circulators (333 and 334) [full-size]
  - BRAC Shuttles 1 and 2 [small]
- Other routes for which smaller buses might be appropriate:
  - Restructured Fairfax Connector 574 [small to medium]
  - Restructured Fairfax Connector 466 [small]
  - Restructured Fairfax Connector 462 and 463\* [small]
  - New Fairfax Connector routes 624 and 625 [small]
  - Restructured Fairfax Connector 231/232 [small]
  - Vienna South Feeder (464) [small]
  - Restructured Fairfax Connector 304 [small]
  - Restructured Fairfax Connector 305/307 into 309 [small]
  - New Franconia-Springfield to GMU Route [medium]
  - New Franconia-Springfield to Fair Oaks Mall Route [medium]

***Small ~ 30', Medium~35', Full-Size=40'***

\* Formerly 402 and 403 prior to June 28, 2009

# Recommendations Focus:

## *Bus Rapid Transit/Enhanced Bus*

- Richmond Highway (REX)- *Implemented*
- Route 7 (Metrobus 28s)
- US-29/US-50 (Metrobus 1s)
- Columbia Pike – *Implemented in Arlington, extend to Fairfax*
- Columbia Pike/Little River Turnpike
- I-95/395 HOT Lanes and I-495 HOT Lanes
  - Lorton to Tysons
  - Burke Center to Tysons
  - Centreville to Tysons
  - Vienna to Fort Belvoir
  - Vienna to Reston-Herndon
  - Tysons to Fort Belvoir
- Express Routes on I-66 and 267
- *Longer Term Cross County Service*
  - Route 28
  - Fairfax County Parkway

# Questions and Comments

## *Contact Information*

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