

Fairfax County Department of Transportation



Service Plan Metrobus 12/20/2W Transition



County of Fairfax, Virginia

March 4, 2008
Transportation Advisory
Commission



- Introduction
- Background & Process
- Summary of Public Comments
- Service Plan Highlights and Implementation



Background

- Most of the bus service operated in Fairfax County is provided by Metrobus and the Fairfax Connector (Connector). Fairfax County subsidizes the services provided by Metrobus and the Connector. One-hundred percent (100%) of the subsidies required to operate local Metrobus service, such as the 12 and 20 lines and route 2W, as well as the Connector are paid for by the County.
- The operating cost per hour of service for the Connector is less than that for Metrobus.
- Changes in service for Metrobus service are governed by processes and policies of the Washington Metropolitan Transit Authority (WMATA) with input from the County; whereas, changes in Connector service are only subject to processes and policies of the Fairfax County Board of Supervisors.



Background

The Fairfax County Board of Supervisors acted on February 27, 2006 to convert the Metrobus 12s, 20s and 2W routes to Connector routes.

On October 15, 2007, the Board endorsed a list of transportation projects to be funded from Northern Virginia Transportation Authority and Fairfax County's Commercial Real Estate Tax revenues. One transportation project identified was the expansion of the Metrobus 12/20/2W lines which operate in the Centreville, Chantilly and Oakton areas.

On February 25, 2008, the Fairfax County Board of Supervisors approved the recommended service plan for the 12/20/2W transition to the Fairfax Connector.



Process

- Data Collection – Spring/Summer 2007
- Analysis of ridership and running times – Summer 2007
- Meeting with Sully District Supervisor – Summer 2007
- 1st Round of Public Meetings – October 2007
- Development of Service Plan
- 2nd Round of Public Meetings – December 2007
- Fairfax County Board of Supervisors – February 2008
- Implementation – First Quarter CY 2009



Public Comments Received

- Summary of Public Comments – Round 1:
 - A. Trips (38% of comments): More AM & PM peak trips, midday service
 - B. New destinations (18%): Service to the Fair Oaks Mall, Reston/Herndon
 - C. Frequency (17% of comments): More frequent trips
 - D. Weekend service (17% of comments)
 - E. Schedule (10%): Improve the on-time performance of buses



Public Comments Received

- Summary of Public Comments in response to Service Plan – Round 2:
 - A. 30% endorsed the plan in whole or in part
 - B. 58% variously suggested that more trips be provided, that service be extended to other destinations, and that more frequent service be provided
 - C. 12% expressed concern about possible overcrowding on buses at the park-and-ride lots and the availability of parking spaces at the lots



Service Plan Highlights

- Phase 1:
 - Proposes transition of Metrobus 12/20/2W routes to Fairfax Connector with expanded service, including earlier/later AM/PM peak service, midday service and service to new destinations
 - Implementation targeted for March 2009
 - Increases the number of daily trips to 217 from 149 – a 46% increase
- Phase 2:
 - As more resources become available, service will be expanded to additional destinations and weekend service will be added
 - Implementation late 2010/early 2011



Phase 1 Highlights

- **Weekday Service**
 - Increases annual revenue hours from 32,000 to 49,300, a 54% increase.
 - Restructures and replaces the existing Metrobus routes with new Fairfax Connector routes serving Centreville, Chantilly and Oakton.
 - Makes service levels comparable to those provided in other parts of the County.
 - Adds three new midday routes that connect Centreville and Chantilly to the Vienna Metrorail Station with one also serving the Fair Oaks Mall.
 - Increases the total number of daily trips by 69 from 149 to 218, a 46% increase.
 - Increases the number of daily AM and PM peak-direction trips by 30 from 104 to 134, a 29% increase and the frequency of trips by five minutes throughout most of the service area.



Phase 1 Highlights

- Improves the frequency of trips of daily AM and PM reverse commute trips by 10 minutes throughout most of the service area.
- Adds Marbrook Center, Brookfield Corporate Center, Albemarle Point Business Park, Dulles Southgate Industrial Business Park, Chantilly Crossing and Dulles Discovery as new locations to be served.
- Increases service levels and coverage without increasing the number of buses initially required to operate the service.
- Removes service from the following areas due to low patronage and/or operational safety concerns:
 - Lafayette Business Park
 - Union Mill Road near Trey Lane
 - Sully Station Drive
 - Greenbriar Shopping Center



Phase 2 Highlights

As resources become available, the following services will be implemented in late 2010/early 2011:

- New destinations:
 - Service from Centreville to Herndon/Reston via Chantilly
 - 7 days a week, approximately 5:00AM – 10:00PM
 - Service from Centreville to Fairfax/GMU via Fair Oaks/Government Center
 - 7 days a week, approximately 5:00AM – 10:00PM
- Weekends:
 - Weekend service in the Centreville and Chantilly areas to Vienna Metro
- Stringfellow Park-and-Ride expansion (bond issue approval)
 - More trips from the Stringfellow Park-and-Ride to the Vienna Metro Station



Park-and-Ride Service Highlights

- Centreville/Stone Road
 - Serviced by Routes 642, 644 (AM/PM Peak) and 640 (Midday/Evening)
 - 15 minute service from 5:00AM – 9:30AM and 3:59PM – 7:44 PM; 60-minute service from 10:30AM – 3:30PM and at 8:30PM
- Stringfellow
 - Serviced by Routes 631, 653(AM/PM Peak) and 630 (Midday/Evening)
 - 15 minute service from 4:50AM – 9:05AM and 3:28PM – 7:36PM; 60-minute service from 10:25AM – 3:15PM and at 8:20PM
- Centreville Methodist
 - Serviced by Route 641 (AM/PM Peak) and 630 (Midday/Evening)
 - 25 minute service from 4:53AM – 8:38AM and 3:57PM – 7:52PM; 60-minute service from 10:01AM – 3:15PM and at 8:20PM
- Each Park-and-Ride served by earlier and later peak trips

Service Comparison Chart

AM Service to Vienna Metro



ROAD/AREA	ROUTES		NUMBER OF TRIPS		FREQUENCY IN MINUTES		TRIP ARRIVAL TIMES AT VIENNA METRO	
	Current	Proposed	Current	Proposed	Current	Proposed	Current	Proposed
Little Rocky Run, Pickwick, Braddock East of Pickwick, Centreville Farms	12L	631	6	9	30	30	6:06-8:38	5:06-9:06
Braddock West of Pickwick	12F	631	6	9	35-40	30	6:05-9:03	5:06-9:06
Field Encampment, St. Germain	12E	641	5	10	35	25	6:16-8:38	5:25-9:10
Centrewood, Trinity Centre	12F	641	6	10	35	25	6:05-9:03	5:25-9:10
Centreville Methodist Church Park & Ride	12E, F	641	11	10	17	25	6:05-9:03	5:25-9:10
London Towne, Newgate, Newton Patent	12C	642	6	9	35	30	5:53-8:50	5:24-9:27
Sully Station	12C	642	5	8	35	30	6:28-8:50	5:54-9:27
Centreville/Stone Road Park & Ride	12C, E, F	642, 644	19	17	12	15	5:53-9:55	5:24-9:54
Poplar Tree, Stringfellow Rd.	12S	653	7	8	≈30	30	6:21-9:08	5:54-9:24
Route 50: Lee Road to Stringfellow	20X	651	5	7	≈40	35	6:01-8:32	5:26-8:56
Route 50: Stringfellow Rd. to Vienna	20F, X	651, 652	8	14	Average: 21	17	6:01-8:32	5:26-9:13
Franklin Farm	20F	652	3	7	40	35	6:40-8:07	5:43-9:13
Stringfellow Rd. Park & Ride	12L, S	631, 653	15	17	15	15	5:51-9:23	5:06-9:24
Vienna Metro to Vienna Metro	2W	406	7	9	30	30	5:62-9:04	5:05-9:34



Service Comparison Chart

AM Reverse Commute

AM PEAK REVERSE COMMUTE SERVICE FROM VIENNA METRO STATION

ROAD/AREA	ROUTES		NUMBER OF TRIPS		FREQUENCY IN MINUTES		HOURS OF SERVICE	
	Current	Proposed	Current	Proposed	Current	Proposed	Current	Proposed
Trinity Center	12G	641	3	6	35	25	6:49-7:59	4:55-8:40
Conference Center Dr	12D	653	5	5	Average: 35	30	6:05-8:25	6:02-8:02
Sullyfield Business Park	20Y	651	3	4	40 & 52	35	6:10-7:42	6:03-7:49
Avion Business Park	20W	652	2	4	47	35	6:30-7:17	6:12-7:57
Newbrook, Park Meadow	12R	653	4	5	30	30	6:31-8:01	6:02-8:02
Lafayette Business Park	20W	None	2	None	47	N/A	7:00-7:47	N/A

Service Comparison Chart

PM Service From Vienna Metro



ROAD/AREA	ROUTES		NUMBER OF TRIPS		FREQUENCY IN MINUTES		TRIP DEPARTURE TIMES FROM VIENNA METRO	
	Current	Proposed	Current	Proposed	Current	Proposed	Current	Proposed
Little Rocky Run, Pickwick, Braddock East of Pickwick, Centreville Farms	12L	631	6	8	30	30	4:15-6:45	4:13-7:06
Braddock West of Pickwick	12F	631	7	8	Average: 35	30	3:35-7:03	4:13-7:06
Field Encampment, St. Germain	12E	641	6	8	≈35	25	3:55-6:52	3:57-7:02
Centrewood, Trinity Centre	12F	641	7	8	≈35	25	3:35-7:03	3:57-7:02
Centreville Methodist Church Park & Ride	12E, F	641	13	10	Average: 17	25	3:35-7:03	3:57-7:52
London Towne, Newgate, Sully Station	12C	642	6	8	35	30	4:20-7:15	4:14-7:44
Centreville/Stone Road Park & Ride	12A, C,E,F	642, 644	19	16	12	15	3:35-7:15	3:59-7:44
Poplar Tree, Stringfellow Rd.	12S	653	8	9	30	30	3:32-7:00	3:28-7:21
Route 50: Vienna to Stringfellow Rd.	20F,X	651, 652	10	14	20	17.5	4:20-7:20	4:05-7:53
Route 50: Stringfellow Rd. to Lee Rd.	20X	651	6	7	40	35	4:20-7:20	4:23-7:53
Franklin Farm	20F	652	4	7	65, 35 & 40	35	4:40-7:00	4:05-7:35
Stringfellow Rd. Park & Ride	12L,S	631, 653	15	17	15	15	3:32-7:30	3:28-7:36
Vienna Metro to Vienna Metro	2W	406	7	9	30	30	4:46-7:49	4:16-8:19



Service Comparison Chart

PM Reverse Commute

PM PEAK REVERSE COMMUTE SERVICE TO VIENNA METRO STATION

ROAD/AREA	ROUTES		NUMBER OF TRIPS		FREQUENCY IN MINUTES		SPAN	
	Current	Proposed	Current	Proposed	Current	Proposed	HOURS OF SERVICE	
Trinity Center	12G	641	5	8	Average: 35	25	5:02-7:27	5:01-8:06
Conference Center Dr	12C, D, R	653	5	7	35-65	30	3:07-7:03	4:57-7:57
Sullyfield Business Park	20Y	651	2	5	65	35	5:51-6:54	5:31-7:51
Avion Business Park	20W	652	3	6	57	35	5:40-7:14	5:22-8:17
Newbrook, Park Meadow	12R	653	5	7	30-35	30	3:07-6:47	4:57-7:57
Lafayette Business Park	20W	None	3	None	Average: 53	N/A	5:40-7:14	N/A

Service Comparison Chart

MIDDAY



MIDDAY SERVICE FROM VIENNA METRO STATION

AREAS SERVED	ROUTES		TRIPS		FREQUENCY IN MINUTES		HOURS OF SERVICE	
	Current	Proposed	Current	Proposed	Current	Proposed	Current	Proposed
Vienna Metro, Fair Oaks Mall, Fair Lakes, Centreville Farms, Little Rocky Run, Trinity Parkway	None	630	0	6	N/A	60	N/A	9:15am-3:59pm
Vienna Metro, Fair Lakes, Poplar Tree, Park Meadow, Newbrook, Lee Rd., Conference Center Dr	None	640	0	6	N/A	60-90	N/A	9:28am – 4:27pm
Vienna Metro, Route 50 Corridor, Sullyfield Circle, Avion Parkway	None	650	0	6	N/A	60	N/A	10:00am – 4:12pm

MIDDAY SERVICE TO PARK & RIDES

PARK & RIDE	ROUTE	LAST AM PEAK TRIP ARRIVING AT VIENNA METRO	FIRST MIDDAY TRIP ARRIVING AT VIENNA METRO	LAST MIDDAY TRIP LEAVING VIENNA METRO	FIRST PM PEAK TRIP LEAVING VIENNA METRO
Stringfellow Park & Ride	630	9:24am	10:41am	3:15pm	3:28pm
Centreville Methodist Park & Ride	630	9:10am	10:41am	3:15pm	3:57pm
Centreville/Stone Road Park & Ride	640	9:54am	10:53am	3:06pm	3:59pm



Questions?