Centreville-Chantilly-Vienna-Tysons (CCVT) Service Plan (Focus on Vienna & Tysons)



Fairfax County Department of Transportation (FCDOT) Transit Services Division (TSD) Thursday, May 25, 2023





Agenda

- ☐ CCVT Plan Overview
- ☐ Planning Process and Outreach
- ☐ Proposed Service Plan
- □ Route Profiles
- ☐ Title VI
- □ Conclusion / Q&A



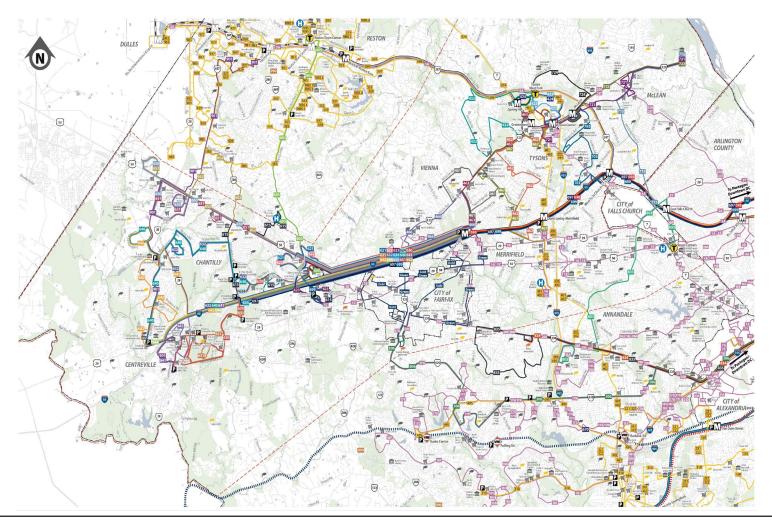
OVERVIEW







CCVT Area Transit Services Overview

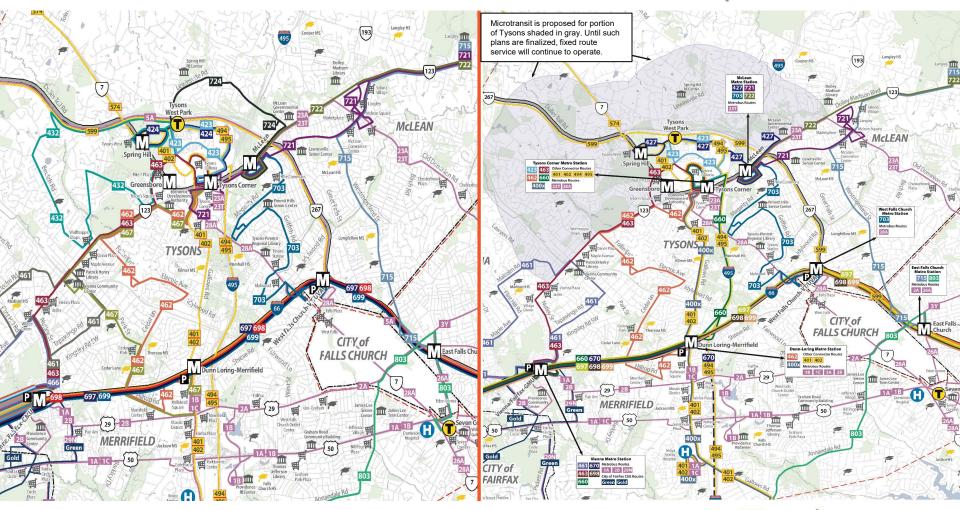






Vienna & Tysons Today

After CCVT implementation





PLANNING PROCESS AND OUTREACH



Transit Services Planning

- ☐ Goal: enhance bus service in the area
- □ Process: gather public input, evaluate existing transit performance, and determine future needs
- Result: develop proposed service changes with route efficiencies, new route designs, and improved access and mobility

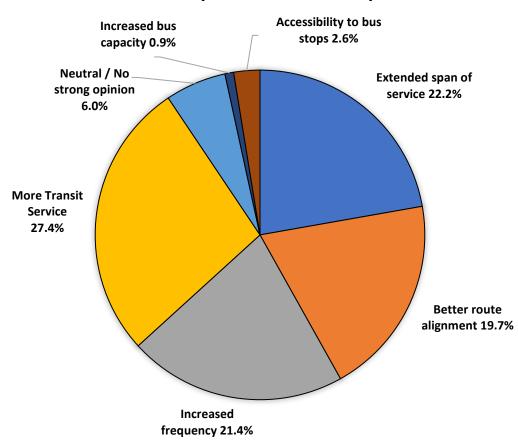






Summary of Public Outreach

What Service Improvements are Important to You?



Onboard survey

- 35% of riders transfer to Metrorail
- 65% of trips are local
- Online questionnaire
 - Based on 130 responses
 - As shown on the attached chart, the key concerns were increased transit service, span of service, and frequency, as well as improved alignment.



What We Heard: Opportunities for Improvement











Increased Frequency

Add additional buses to increase mobility, especially during off-peak hours and weekends

Greater Span of Service

Increase service hours on key routes to operate earlier or later in the day to improve mobility

Faster Travel

Realign and streamline routes to be more direct

Connectivity

Adjust routes to serve key community locations and make bus stops easier to access

Information

Provide accurate, reliable, and user-friendly information about Connector service to customers

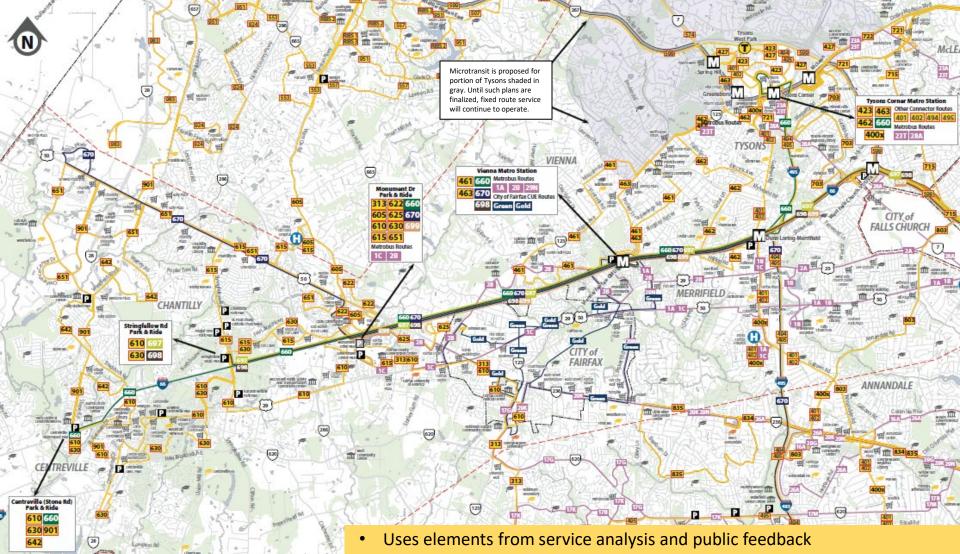




PROPOSED SERVICE PLAN







Proposed Plan Summary

Route 313 is a planned route that is part of the Franconia-Springfield Bus Service Review and is subject to Fairfax County Board of Supervisors approval. Route 400X is another planned route in the County's TSP. Both routes are currently anticipated for implementation sometime after FY 2025.

- Improves span of service
- · Creates more direct connections
- Shortens travel time
- Increases access to transit dependent population and employment
- Maintains bus stop coverage to most locations
- New connections and routes to Reston, Tysons, and Franconia
- Provides access to middle schools and high schools

OVERVIEW OF CHANGES

6 Modified Routes That Improve Connectivity, Frequency and Reduce Travel Time

423, 432, 461, 463, 574, 660

7 New Routes Provide More Connections and Improved Travel Time

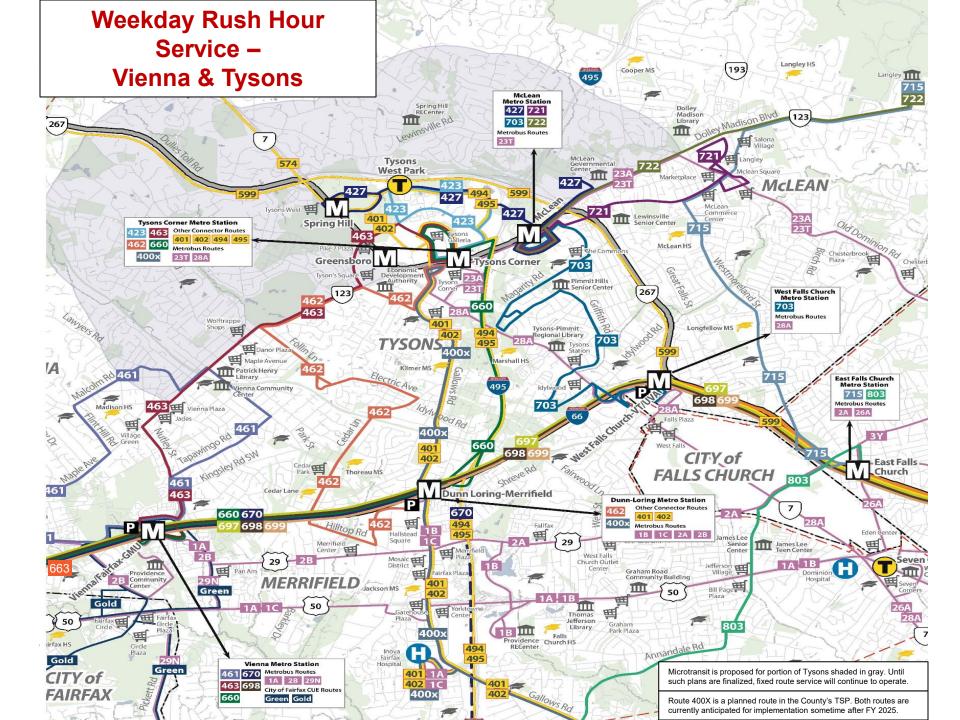
427, 662, 663, 670, 671, 672, 798

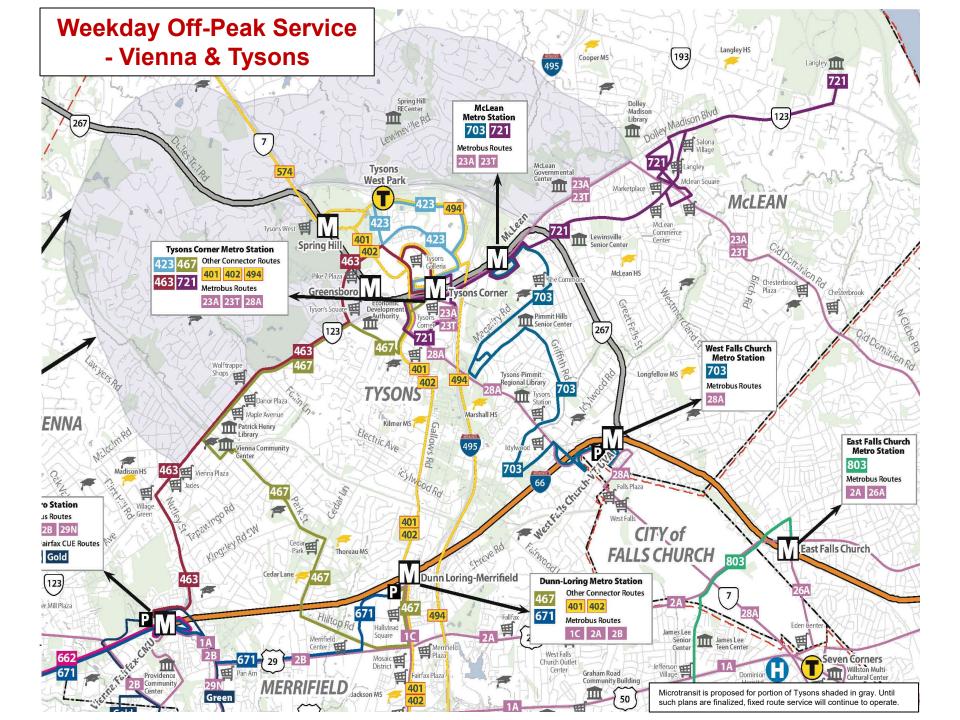
3 Discontinued Routes

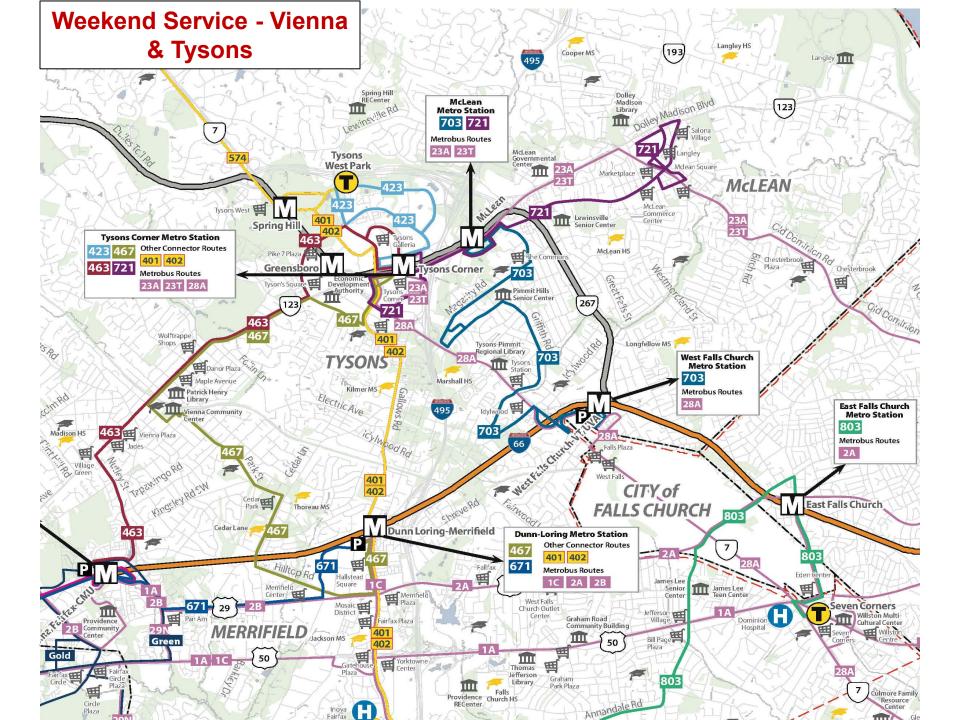
424, 466, 724











Service Adjustments Overview

Existing Route	Replacement Service
424 Tysons Circulator	423, 427
466 Vienna - Oakton	461
724 – Lewinsville Road	427, 432

Level of Service Comparisons

Route	Route Name	Existing Peak Frequency (minutes)	Existing Off- Peak Frequency (minutes)	New Peak Frequency (minutes)	New Off- Peak Frequency (minutes)	Weekend Service	Improvement
423	Tysons Circulator	12	12	10	20	Yes	Realignment frequency
427	Tysons Circulator	N/A	N/A	20	N/A	No	New route
432	Old Courthouse – Farm Credit	40	N/A	40	N/A	No	Realignment
461	Vienna-Oakton	25	N/A	20	40	No	Realignment
462	Vienna – Tysons via Cedar Lane	25-35	N/A	20-35	N/A	No	No change
463	Vienna – Tysons via Maple Avenue	30	30-60	20-25	30	Yes	Frequency





Level of Service Comparisons (continued)

Route	Route Name	Existing Peak Frequency (minutes)	Existing Off-Peak Frequency (minutes)	New Peak Frequency (minutes)	New Off- Peak Frequency (minutes)	Weekend Service	Improvement
467	Vienna – Tysons via Park Street	N/A	40	N/A	40	Yes	No change
574	Reston Town Center Transit Center -Tysons West*Park Center	30	45	30	45	Yes	Realignment
660	Centreville/Stone Rd P&R – Tysons	10-15	N/A	10-15	N/A	No	Realignment
662	Centreville/Stone Rd P&R – Vienna	N/A	N/A	N/A	30	Yes	New route
663	Stringfellow P&R – Monument Dr P&R - Vienna Metro	N/A	N/A	20	N/A	No	New route



Level of Service Comparisons (continued)

Route	Route Name	Existing Peak Frequency (minutes)	Existing Off- Peak Frequency (minutes)	New Peak Frequency (minutes)	New Off- Peak Frequency (minutes)	Weekend Service	Improvement
670	Chantilly – Franconia	N/A	N/A	30	N/A	No	New route
671	Chantilly – Fairview Park	N/A	N/A	30	N/A	No	New route
672	Chantilly- Vienna-Dunn Loring	N/A	N/A	N/A	30	Yes	New route
798	Tysons- Bethesda	N/A	N/A	20	N/A	No	New route

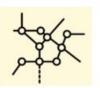






County of Fairfax, Virginia

TRAVEL TIME BETWEEN KEY ORIGINS AND DESTINATIONS



	EXISTING SERVICE	PREFERRED PLAN	PERCENT CHANGE
Average Travel Time	53.8 Minutes	52.5 Minutes	-2%

POPULATION AND HOUSEHOLDS SERVED WITHIN A QUARTER-MILE OF SYSTEM



	EXISTING SERVICE	PREFERRED PLAN	PERCENT CHANGE
Population	340,000	342,700	+1%
Minority Population	173,800	176,100	+1%
Households	120,500	122,200	+1%
Low-Income Households (At or Below \$50,000)	20,500	21,000	+2%

POPULATION AND JOBS SERVED WITHIN A QUARTER-MILE OF PEAK SERVICE



FREQUENCY	EXISTING SERVICE		PREFERRI	ED PLAN	PERCENT CHANGE	
	Population	Jobs	Population	Jobs	Population	Jobs
0-20 Minutes	76,100	120,400	111,300	149,400	+46%	+24%
21-30 Minutes	295,100	242,400	261,400	210,600	-11%	-13%
31+ Minutes	42,800	46,700	23,100	26,200	-46%	-44%



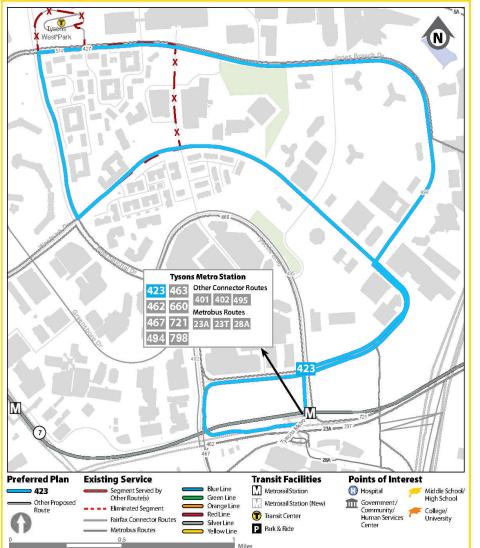
ROUTE PROFILES AND MICROTRANSIT



ROUTE 423: CENTRAL TYSONS - TYSONS METRORAIL STATION







OVERVIEW	CLASS	Circulator
	DIRECTIONS	Largely clockwise
	VIA	Westpark Dr, Jones Branch Dr
	TRANSFERS AVAILABLE	Connector 401, 402, 427, 462, 463, 467, 494, 495, 574, 660, 721, 798; Metrorail Silver Line; Metrobus 23A, 23T, 28A
	IMPROVEMENT(S)	Realignment and improved frequency

			WEEKDAY		SATURDAY	SUNDAY	
OF SERVICE	D ROUTE	SERVICE HOURS	5:30 AM - 9:16 PM		7:00 AM - 7:16 PM	7:00 AM - 7:16 PM	
LEVEL	PROPOSED	FREQUENCY	RUSH	10 mins	20 mins	20 mins	
	FREG	FREQUENCY	NON-RUSH	20 mins	20 mins	20 mins	





HIGH/MIDDLE SCHOOLS

METRORAIL

















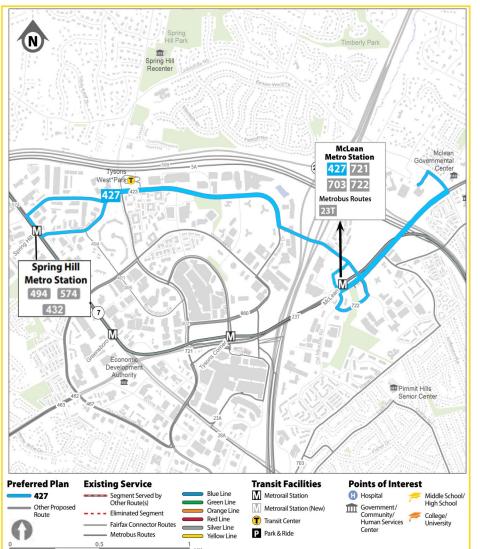




ROUTE 427: NORTH TYSONS - SPRING HILL METRORAIL STATION







EW	CLASS	Feeder
	DIRECTIONS	Eastbound/Westbound
OVERVIEW	VIA	Jones Branch Dr., Spring Hill Rd
IVO	TRANSFERS AVAILABLE	Connector 401, 402, 423, 432, 494, 574, 703, 721, 722, 798; Metrorail Silver Line; Metrobus 23T
	IMPROVEMENT(S)	New route

			WEEKDAY		SATURDAY	SUNDAY
LEVEL OF SERVICE	D ROUTE	SERVICE HOURS	6:00 AM - 9:16 AM — 3:30 PM - 6:46 PM		No Service	No Service
LEVEL	PROPOSED	EDECHIENCY	RUSH	20 mins	No Santico	No Convica
	FREQUENCY	NON-RUSH No Service		No Service	No Service	

FACILITIES SERVED WITHIN A QUARTER MILE



HIGH/MIDDLE SCHOOLS

METRORAIL







HOSPITALS











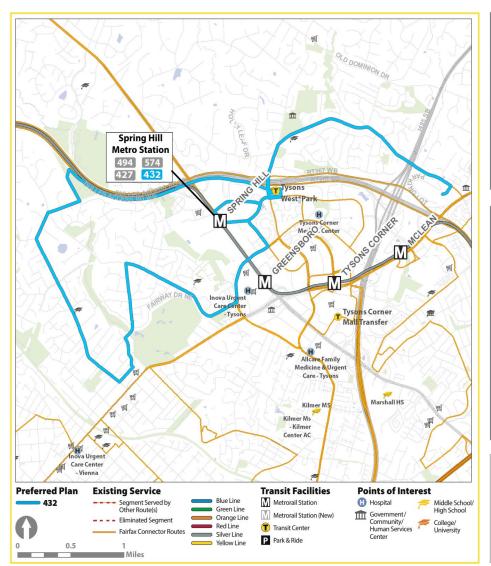




ROUTE 432:OLD COURTHOUSE - FARM CREDIT







	CLASS	Local
3	DIRECTIONS	Clockwise
VIE	VIA	Dulles Toll Rd, Beulah, Spring Hill Metro station
OVERVIEW	TRANSFERS AVAILABLE	Connector 401, 402, 423, 427, 494, 574, 798; Metrorail Silver Line
	IMPROVEMENT(S)	Improved span of service, and realignment to serve Farm Credit area

			WEEKDAY		SATURDAY	SUNDAY
LEVEL OF SERVICE	SED ROUTE 432	SERVICE HOURS	5:31 AM - 9:07 AM — 3:27 PM - 7:20 PM		No Service	No Service
LEVEL	PROPOSE 43	ő	RUSH	40 mins	No Sonico	No Service
			NON-RUSH	No Service	No Service	No Service

FACILITIES SERVED WITHIN A QUARTER MILE



HIGH/MIDDLE SCHOOLS











METRORAIL STATIONS







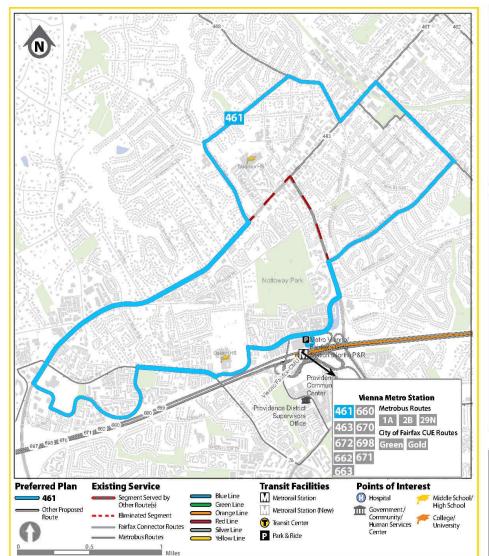












OVERVIEW	CLASS	Feeder	
	DIRECTIONS	Circular	
	VIA	Tapawingo Rd, Park St, Flint Hill Rd, Maple Ave/Route 123, Bushman Dr	
	TRANSFERS AVAILABLE	Connector 463, 660, 662, 663, 670, 671, 672, 698; Metrorail Orange Line; Metrobus 1A, 2B, 29N; CUE Green, Gold	
	IMPROVEMENT(S)	Realignment and more frequent service	

			WEE	KDAY	SATURDAY	SUNDAY
OF SERVICE	D ROUTE	SERVICE HOURS	6:00 AM - 7:55 PM		No Service	No Service
LEVEL	LEVEL OF SE PROPOSED ROUTE 461	HKO PRO POS POS PRO PO	RUSH	20 mins	No Service	No Service
			NON-RUSH	40 mins	- INO SERVICE	NO Service

FACILITIES SERVED WITHIN A QUARTER MILE



HIGH/MIDDLE SCHOOLS



















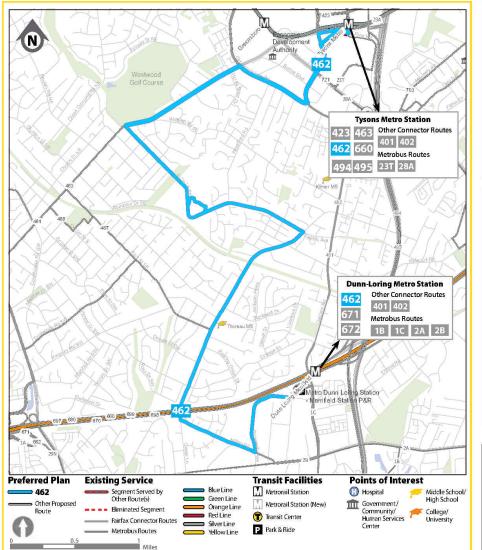




ROUTE 462: DUNN LORING - NAVY FEDERAL - TYSONS







OVERVIEW	CLASS	Local	
	DIRECTIONS	Northbound/Southbound	
	VIA	Cedar Ln, Navy Federal, Old Courthouse Rd	
	TRANSFERS AVAILABLE	Connector 401, 402, 423, 463, 494, 495, 660, 671, 672; Metrorail Orange Line, Silver Line; Metrobus 1B, 1C, 2A, 2B, 23A, 23T, 28A	
	IMPROVEMENT(S)	No Change	

			WEEKDAY		SATURDAY	SUNDAY
OF SERVICE		SERVICE HOURS	5:15 AM - 9:23 AM 		No Service	No Service
LEVEL	LEVEL O	FREQUENCY	RUSH	20-35 mins	No Service	No Service
	PREQUENCY	NON-RUSH	No Service	- INO SERVICE	NO Service	

FACILITIES SERVED WITHIN A QUARTER MILE





METRORAIL



















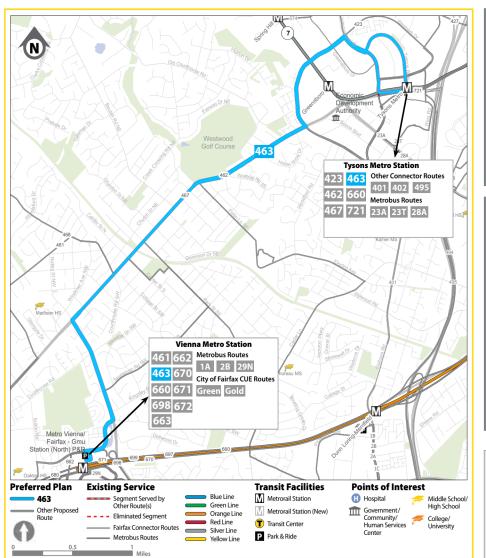


ROUTE 463:

VIENNA METRORAIL STATION - TYSONS METRORAIL STATION







	CLASS	Local
EW	DIRECTIONS	Northbound/Southbound
OVERVIEW	VIA	Nutley St, Maple Ave, Gosnell Rd
IVO	TRANSFERS AVAILABLE	Connector 401, 402, 423, 461, 462, 467, 494, 495, 660, 662, 663, 670, 671, 672, 698, 721; Metrorail Orange Line, Silver Line; Metrobus 1A, 2B, 23T, 28A, 29N; CUE Green, Gold
	IMPROVEMENT(S)	Improved frequencies on Saturdays

			WEE	KDAY	SATURDAY	SUNDAY
LEVEL OF SERVICE	D ROUTE	SERVICE HOURS	5:05 AM - 11:48 PM		6:00 AM - 11:26 PM	7:00 AM - 8:54 PM
LEVEL	PROPOSED 463	FREQUENCY FREQUENCY	RUSH	20-25 mins	20 mins	CO mains
			NON-RUSH	30 mins	30 mins	60 mins

FACILITIES SERVED WITHIN A QUARTER MILE



HIGH/MIDDLE









PARK & RIDE LOTS



METRORAIL











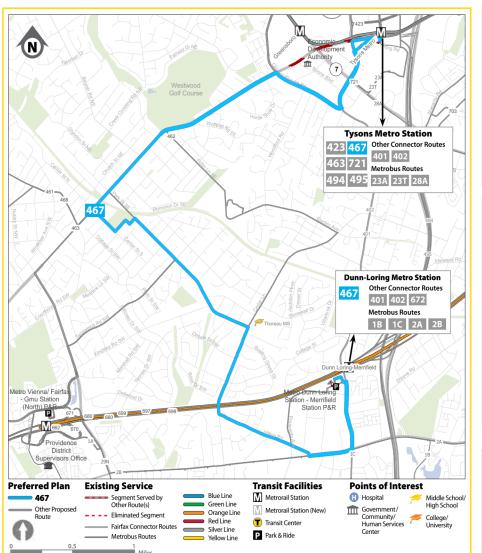


ROUTE 467:

DUNN LORING METRORAIL STATION - TYSONS METRORAIL STATION







	CLASS	Local
EW	DIRECTIONS	Northbound/Southbound
OVERVIEW	VIA	Cedar Ln, Park St, Maple Ave/Route 123, Old Couthouse Rd
OV	TRANSFERS AVAILABLE	Connector 401, 402, 423, 463, 494, 495, 672, 721; Metrorail Orange Line, Silver Line; Metrobus 1B, 1C, 2A, 2B, 23A, 23T, 28A
	IMPROVEMENT(S)	No change

			WEEKDAY		SATURDAY	SUNDAY
LEVEL OF SERVICE	D ROUTE	SERVICE HOURS	9:00 AM - 3:32 PM 7:58 PM - 11:50 PM		6:20 AM - 11:33 PM	8:20 AM - 8:53 PM
LEVEL	PROPOSED 467	EDEOLIENCY	RUSH	No Service	40 mins	40 mins
		FREQUENCY	NON-RUSH	40 mins	40 mins	40 mins

FACILITIES SERVED WITHIN A QUARTER MILE



HIGH/MIDDLE SCHOOLS













METRORAIL











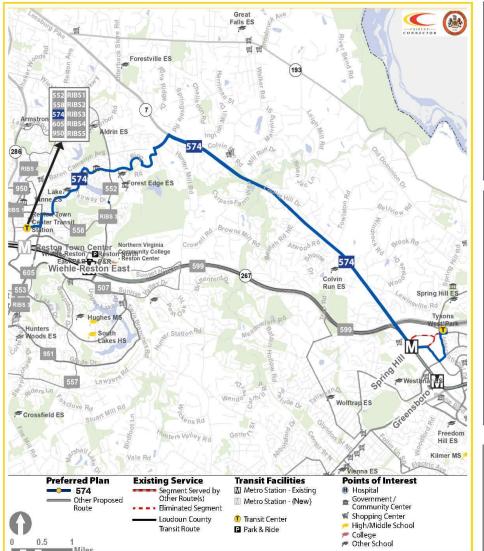




ROUTE 574: RESTON TOWN CENTER TRANSIT CENTER TO TYSONS WEST*PARK TRANSIT CENTER







OVERVIEW	CLASS	Cross County	
	DIRECTIONS	Eastbound/Westbound	
	VIA	Lake Anne, Lake Fairfax, Leesburg Pike	
	TRANSFERS AVAILABLE	Silver Line, 552, 558, 605, 950, 952, RIBS1, RIBS2, RIBS3, RIBS4, RIBS5, 401, 402, 423, 427, 432, 494, 798	
	IMPROVEMENT(S)	Realignment	

			WEEKDAY		SATURDAY	SUNDAY
OF SERVICE	D ROUTE	SERVICE HOURS	5:00 AM - 10:25 PM		6:15 AM - 12:25 AM	7:00 AM - 9:55 PM
LEVEL	LEVEL OF SE PROPOSED ROUTE 574	EDEOLIENCY	PEAK	30 mins	45 mins	45 mins
	FREQUENCY	OFF-PEAK	45 mins	45 mins	45 mins	

FACILITIES SERVED WITHIN A QUARTER MILE



HIGH/MIDDLE SCHOOLS













METRORAIL









COMMUNITY / HUMAN SERVICES CENTERS

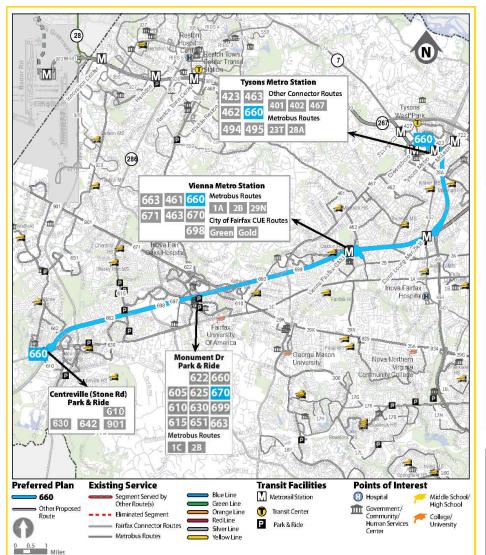




ROUTE 660: CENTREVILLE (STONE RD) PARK & RIDE - TYSONS







OVERVIEW	CLASS	Cross-County Connector
	DIRECTIONS	Eastbound/Westbound
	VIA	I-66, Vienna Metrorail Station, I-495 Express Lanes
	TRANSFERS AVAILABLE	Connector: 401, 402, 423, 461, 462, 463, 467, 494, 495, 605, 610, 615, 622, 625, 630, 642, 651, 663, 670, 671, 698, 699, 901; Metrorail: Orange/Silver Line; Metrobus: 1A,1C, 2B, 23A, 23T, 28A, 29N; CUE: Green, Gold
	IMPROVEMENT(S)	Provides direct service between Centreville (Stone Rd) Park & Ride and Tysons; via the Monument Dr. P&R Lot and the Vienna Metrorail Station

			WEE	KDAY	SATURDAY	SUNDAY
OF SERVICE	D ROUTE	SERVICE HOURS	5:00 AM - 10:04 AM — 3:00 PM - 8:39 PM		No Service	No Service
LEVEL	LEVEL	PRO	RUSH	10 -15 mins	No Service	No Convico
			NON-RUSH	No Service	NO Service	No Service

FACILITIES SERVED WITHIN A QUARTER MILE

TRANSIT



HIGH/MIDDLE SCHOOLS

METRORAIL

















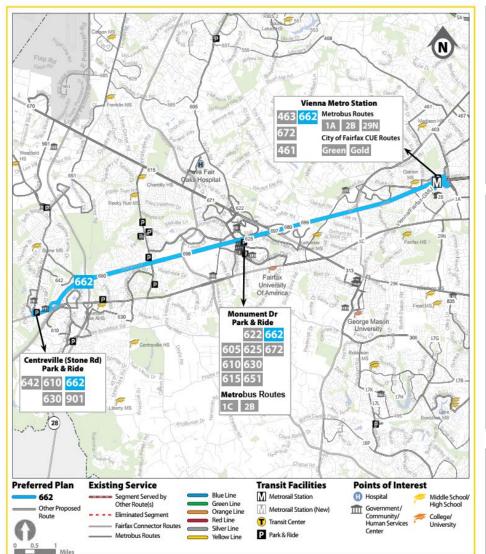




ROUTE 662: CENTREVILLE (STONE RD) PARK & RIDE - VIENNA







9	CLASS	Cross-County Connector
EW	DIRECTIONS	Eastbound/Westbound
OVERVIEW	VIA	I-66, future Monument Dr. Park & Ride
	TRANSFERS AVAILABLE	Connector 461, 463, 605, 610, 615, 622, 625, 630, 642, 651, 672, 901; Metrorail Orange Line; Metrobus 1A, 1C, 2B, 29N; CUE Green, Gold
	IMPROVEMENT(S)	New off-peak and weekend service between Centreville (Stone Rd) Park & Ride and the Vienna Metro station

			WEEKDAY		SATURDAY	SUNDAY
<u>ا</u> ایا	PROPOSED ROUTE 662	SERVICE HOURS	9:30 AM - 3:23 PM — 7:30 PM - 11:23 PM		7:00 AM - 11:23 PM	7:00 AM - 10:23 PM
		FREQUENCY	RUSH	No Service	70 mins	20 mins
		FREQUENCY	NON-RUSH	30 mins	30 mins	30 mins

FACILITIES SERVED WITHIN A QUARTER MILE

O TRANSIT



HIGH/MIDDLE

METRORAIL





















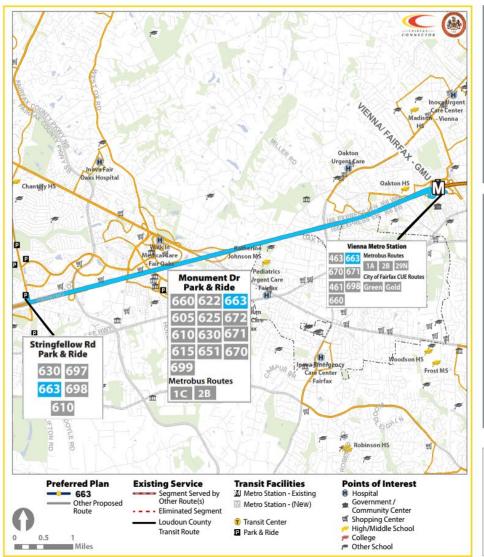


ROUTE 663:

STRINGFELLOW- MONUMENT- VIENNA METRORAIL STATION







	CLASS	Feeder
EW	DIRECTIONS	Eastbound/Westbound
OVERVIEW	VIA	I-66
O	TRANSFERS AVAILABLE	Connector 461, 463, 605, 610, 615, 622, 625, 630, 651, 660, 670, 671, 697, 698, 699; Metrobus 1A, 1C, 2B, 29N; Metrorail Orange; CUE Green, Gold
	IMPROVEMENT(S)	New Route to serve Vienna Metrorail Station, via Monument Dr. P&R, \$2.00

			WEE	KDAY	SATURDAY	SUNDAY
LEVEL OF SERVICE	PROPOSED ROUTE 663	SERVICE HOURS	5:02 AM - 8:42 AM 3:43 PM - 7:23 PM		No Service	No Service
		FREQUENCY	PEAK	20 mins	No Service	No Service
			OFF-PEAK	No Service		

FACILITIES SERVED WITHIN A QUARTER MILE



HIGH/MIDDLE SCHOOLS



TRANSIT

















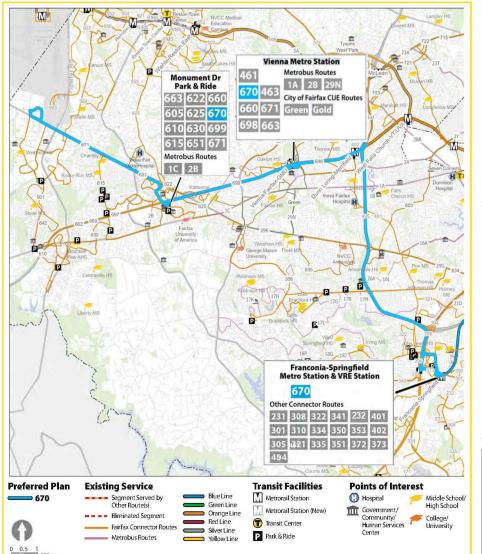




ROUTE 670: CHANTILLY - FRANCONIA







	CLASS	Cross-County Connector	
3	DIRECTIONS	Eastbound/Westbound	
VIE	VIA	Route 50, future Monument Dr. Park & Ride, I-66, Vienna Metro station, I-495 Express Lanes	
OVERVIEW	TRANSFERS AVAILABLE	Connector 231, 232, 301, 305, 308, 310, 321, 322, 334, 335, 341, 350, 351, 353, 372, 373, 401, 402, 461, 463, 494, 605, 610, 615, 622, 625, 630, 642, 651, 660, 663, 671, 698, 699, 901; Metrorail Orange Line, Blue Line; Metrobus 1A, 1C, 2B, 29N; CUE Green, Gold; VRE Fredricksburg Line	
	IMPROVEMENT(S)	New peak express service between Chantilly and the Franconia-Springfield Metro & VRE station; via Vienna Metro station	

			WEE	WEEKDAY		SUNDAY
OF SERVICE	D ROUTE	SERVICE HOURS	5:00 AM - 9:53 AM — 3:20 PM - 7:58 PM		No Service	No Service
LEVEL	LEVEL OF SE PROPOSED ROUTE 670	FREQUENCY	RUSH	30 mins	No Carvina	No Service
		PREQUENCY	NON-RUSH	No Service	No Service	NO Service

FACILITIES SERVED WITHIN A QUARTER MILE



HIGH/MIDDLE SCHOOLS









10 PARK & RIDE LOTS



2 METRORAIL STATIONS







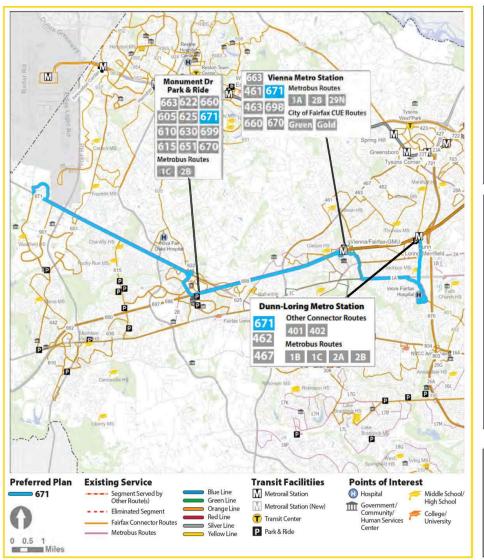




ROUTE 671: CHANTILLY - DUNN LORING METRO STATION







	CLASS	Cross-County Connector	
EW	DIRECTIONS	Eastbound/Westbound	
OVERVIE	VIA	Route 50, future Monument Dr. Park & Ride, I-66, Fairfax Hospital, and Vienna Metro Station	
	TRANSFERS AVAILABLE	Connector 401, 402, 461, 462, 463, 467, 605, 610, 615, 622, 625, 630, 642, 651, 660, 663, 670, 671, 698, 699, 901; Metrorail Orange Line; Metrobus 1A, 1B, 1C, 2A, 2B, 29N; CUE Green, Gold	
	IMPROVEMENT(S)	New peak service from Chantilly to Dunn Loring Metro station; via Fairfax Hospital and Vienna Metro station	

			WEE	KDAY	SATURDAY	SUNDAY
OF SERVICE	D ROUTE	SERVICE HOURS	5:20 AM - 9:59 AM 		No Service	No Service
LEVEL	PROPOSEI 67	FREQUENCY	RUSH	30 mins	No Service	No Service
			NON-RUSH	No Service	NO SEIVICE	NO SELVICE

FACILITIES SERVED WITHIN A QUARTER MILE



HIGH/MIDDLE SCHOOLS

METRORAIL





ACTIVITY CENTERS

















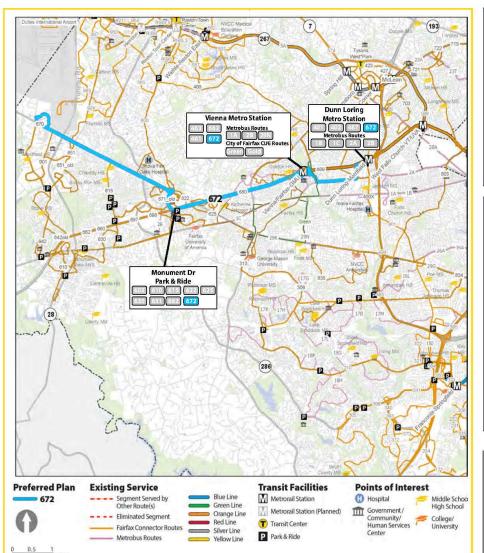


ROUTE 672:

CHANTILLY - VIENNA METRORAIL- DUNN LORING METRORAIL







	CLASS	Cross-County
EW	DIRECTIONS	Eastbound/Westbound
OVERVIEW	VIA	Route 50, future Monument Dr. Park & Ride, Vienna Metro station, I-66
OVI	TRANSFERS AVAILABLE	Connector 401, 402, 461, 463, 467, 605, 610, 615, 622, 625, 630, 642, 651, 662, 901; Metrorail Orange Line; Metrobus 1A, 1C, 2A, 2B, 29N; CUE Green, Gold
	IMPROVEMENT(S)	New off-peak and weekend limited-stop service between Chantilly and the Dunn Loring Metro station; via Vienna Metro and the future Monument Dr. P&R

			WEEKDAY		SATURDAY	SUNDAY
LEVEL OF SERVICE	PROPOSED ROUTE 672	SERVICE HOURS	9:15 AM - 3:54 PM — 6:55 PM - 11:24 PM		7:03 AM - 11:24 PM	7:03 AM - 10:24 PM
		S FREQUENCY	RUSH	No Service	30 mins	30 mins
			NON-RUSH	30 mins	30 111115	SU ININS

FACILITIES SERVED WITHIN A QUARTER MILE



O HIGH/MIDDLE SCHOOLS













2 METRORAIL STATIONS







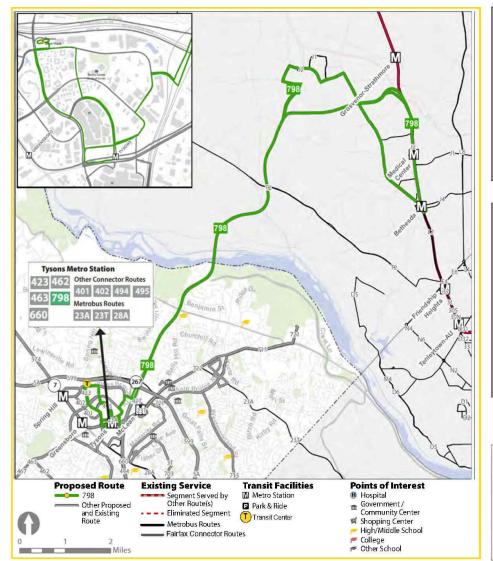












	CLASS	Express
OVERVIEW	DIRECTIONS	Northbound/Southbound
	VIA	Tysons Metro Station, I-495, Montgomery Mall, Medical Center Metro Station, Bethesda Metro Station
	TRANSFERS AVAILABLE	Connector 401, 402, 423, 427, 462, 463, 494, 495, 574, 660; Metrorail Silver Line, Red Line; Metrobus 23A, 23T, 28A, J1, J2; Ride On 29, 30, 32, 33, 34, 36, 46, 47, 70, 101; MTA 203
	IMPROVEMENT(S)	New express service between Tysons and Bethesda

LEVEL OF SERVICE	WEE		KDAY	SATURDAY	SUNDAY	
	PROPOSED ROUTE 798	SERVICE HOURS	5:50 AM - 8:50 AM 3:30 PM -6:30 PM		No Service	No Service
		FREQUENCY	RUSH	20 mins	No Service	No Service
			NON-RUSH	No Service		







Title VI





Title VI Analysis

Routes	Major Service Change	Disparate Impact / Disproportionate Burden	Benefits
461	Yes	✓ (adding/increasing service)	Non-Rush Hours Frequency

^{*} Final Title VI analysis will be conducted following the public outreach if any change is recommended





Next Steps

- Final Public Meetings (May 2023)
- Final Changes / Service Refinement (May-September 2023)
- Board Approval (Fall 2023)
- Service Implementation (January 2024)*



^{*} Contingent on public opening of Monument Dr Commuter Parking Garage and Springfield Multimodal Transit Hub, currently anticipated to occur in January 2024

Conclusion





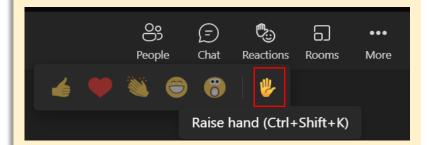
Provide Your Feedback:

- Email: FairfaxConnector@fairfaxconnector.com
- Send comments/questions by mail to:
 Fairfax County Department of Transportation,
 Att: Fairfax Connector, 4050 Legato Road,
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- By phone: 703-339-7200, TTY 703-339-1608
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Thank you!

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