

TO: Chairman Letourneau and NVTC Commissioners

FROM: Kate Mattice, Dan Goldfarb, PE and Dinah Girma

DATE: November 26, 2019

SUBJECT: NVTC Transit Resource Center

At the December meeting the Commission will receive an update on the FY2020 1st Quarter Transit Performance Report and the FY2020 1st Quarter Parking Utilization Report.

NVTC’s FY2020 Quarterly Transit Performance Report is a reframed effort that provides an overview of the transit service in Northern Virginia focused on quarterly ridership and parking utilization. The report is compiled at the end of each quarter during the current fiscal year and reflects transit boardings for all modes as well as quarterly fiscal year-to-date parking utilization at WMATA rail facilities. All WMATA related data is provided by WMATA; all local system and VRE data is submitted to Department of Rail and Public Transportation (DRPT) by transit agency staff.

A. FY2020 1st Quarter Transit Performance Report

Boardings in Virginia by System – 1 st Quarter FY2020 (July – September)			
System	FY19 Q1	FY20 Q1	Percent Change (2019-20)
Arlington Transit	745,548	815,512	9%
Alexandria DASH	1,022,348	923,564	-10%
Fairfax County Connector	2,162,978	2,153,065	0%
Fairfax City CUE	150,233	155,217	3%
Loudoun County Transit	439,333	480,173	9%
OmniRide	613,959	601,000	-2%
Virginia Railway Express	1,155,492	1,192,708	3%
Metrobus	4,301,263	4,454,560	4%
MetroAccess	88,701	88,033	1%
Total	10,679,855	10,863,832	2%

Source: OLGA and WMATA

Overall bus and commuter rail ridership in Virginia is trending upwards for this past quarter. DASH reported a 10% decline in ridership during the first quarter of FY2020. This decrease was caused by the 2019 Platform Improvement Project, which resulted in a 13% ridership decline during the closure, as well as a 60% decrease in Bus-to-Rail/Rail-to-Bus transfers. In addition, major construction at the King Street Metro Station bus loop that began in November 2018 has required

all buses at that location to be displaced to on-street stops on adjacent streets. Roughly 20% of DASH system-wide boardings occur at the King St. Metro, so this is creating another negative impact on ridership until the bus loop is reopened in Spring 2020. King Street Trolley ridership has also been in decline for the last two years due to a combination of construction at the King St. Metro and overall decrease in tourism activity in Old Town. Summer is peak tourism season in Old Town and peak Trolley ridership, so the decrease is particularly noticeable during the summer months and is subsequently partially reported during the 1st Quarter of FY2020.

In a change from past quarterly reports, Metrorail ridership is now being reported as station entries. The station entries approach will improve the accuracy of the data; simplify the collection and reporting process; improve understanding of the data; and provide an improved context and meaning of current ridership trends.

WMATA Metrorail Virginia Station Entries			
1st Quarter FY2020 (July – September)			
	1st Quarter FY19	1st Quarter FY20	Percent Change (2019-2020)
Total	10,422,540	10,299,217	-1%
Weekday Average	282,624	275,261	-3%
Saturday Average	110,546	113,953	3%
Sunday Average	75,852	75,596	0%

Source: WMATA

It is important to note that several large capital projects likely impacted Metrorail ridership in the first quarters of both FY2019 and FY2020.

In the first quarter of FY2019, WMATA conducted around the clock construction on a segment of the Orange, Blue and Silver Lines through downtown D.C. Between August 11th and August 26, 2018, the Silver and Orange Lines were single-tracked and operated every 20-minutes all day. The Blue Line operated between Franconia-Springfield and Arlington Cemetery, with additional Yellow Line Trains operating between Franconia-Springfield and Greenbelt. For two weekends in August, there was a line segment shutdown between Farragut West and Metro Center. Also, in 2018, WMATA closed two stations on the Red Line in D.C. from July 21st to September 3, 2018.

Starting on May 25, 2019 and impacting the first quarter of FY2020 Metrorail ridership, stations on the Yellow and Blue Lines south of Ronald Reagan Washington National Airport Station were closed until September 8, 2019. WMATA also saw nearly 90% of customers return to Metrorail when the stations reopened near the end of the first quarter of FY2020 following the Platform Improvement Project.



Metrorail Ridership by Station in Virginia 1st Quarter FY2020

Line/Station	Year	July	August	September	Q1 Total	Percent Change FY19-FY20
Silver						
Greensboro	FY19	34,833	31,251	29,859	95,943	29.8%
	FY20	42,810	40,513	41,197	124,520	
McLean	FY19	48,903	43,815	42,566	135,284	39.1%
	FY20	66,157	60,683	61,375	188,215	
Spring Hill	FY19	31,935	27,881	26,510	86,326	14.7%
	FY20	35,808	32,110	31,112	99,030	
Tysons Corner	FY19	99,628	92,575	83,498	275,701	14.1%
	FY20	109,605	107,474	97,583	314,662	
Wiehle-Reston East	FY19	211,640	182,030	176,200	569,870	12.3%
	FY20	231,333	207,859	200,717	639,908	
Total Silver Line	FY19	426,939	377,552	358,632	1,163,123	17.5%
	FY20	485,712	448,639	431,984	1,366,335	
Orange						
Dunn Loring	FY19	96,815	83,726	83,999	264,539	13.2%
	FY20	106,252	97,521	95,768	299,541	
West Falls Church	FY19	63,056	51,516	54,763	169,334	15.5%
	FY20	69,325	61,806	64,495	195,626	
Vienna	FY19	235,734	199,014	204,471	639,218	8.3%
	FY20	246,697	221,938	223,844	692,479	
Total Orange Line	FY19	395,604	334,256	343,232	1,073,092	10.7%
	FY20	422,274	381,265	384,107	1,187,646	
Silver/Orange						
Ballston	FY19	231,227	197,217	204,523	632,967	22.0%
	FY20	268,869	250,068	253,518	772,455	
Clarendon	FY19	112,996	95,558	103,472	312,025	19.0%
	FY20	128,649	119,395	123,286	371,331	
Court House	FY19	162,956	134,141	143,719	440,816	15.1%
	FY20	176,448	162,520	168,439	507,407	
East Falls Church	FY19	104,411	86,911	89,048	280,370	10.2%
	FY20	108,845	98,171	101,878	308,894	
Rosslyn	FY19	344,662	271,970	294,529	911,161	16.4%
	FY20	377,037	335,701	347,761	1,060,499	
Virginia Square	FY19	94,971	81,211	86,118	262,300	15.6%
	FY20	105,065	97,245	100,910	303,220	
Total	FY19	1,051,222	867,008	921,409	2,839,639	17.1%
	FY20	1,164,914	1,063,100	1,095,792	3,323,806	

Source: WMATA. Ridership is based on station entries only





Line/Station	Year	July	August	September	Q1 Total	Percent Change FY19-FY20
Blue						
Arlington Cemetery	FY19	65,403	37,079	30,584	133,066	-2.3%
	FY20	58,236	39,580	32,239	130,055	
Franconia Springfield	FY19	170,938	143,526	135,261	449,725	-76.3%
	FY20	-	-	106,520	106,520	
Van Dorn	FY19	66,675	60,027	59,080	185,782	-77.3%
	FY20	-	-	42,242	42,242	
Total	FY19	303,016	240,632	224,925	768,573	-63.7%
	FY20	58,236	39,580	181,001	278,817	
Yellow						
Eisenhower Avenue	FY19	52,078	47,322	41,556	140,956	-78.8%
	FY20	-	-	29,875	29,875	
Huntington	FY19	177,193	170,296	154,951	502,440	-78.9%
	FY20	-	-	106,054	106,054	
Total	FY19	229,271	217,618	196,507	643,396	-78.9%
	FY20	-	-	135,930	135,930	
Blue/Yellow						
Braddock Road	FY19	107,725	100,232	98,806	306,763	-76.6%
	FY20	-	-	71,788	71,789	
Crystal City	FY19	282,034	250,809	243,653	776,497	22.2%
	FY20	354,511	312,946	281,733	949,190	
King Street	FY19	195,556	170,136	159,692	525,384	-78.4%
	FY20	-	-	113,331	113,331	
National Airport	FY19	176,253	157,891	146,398	480,542	24.8%
	FY20	225,000	203,756	170,839	599,595	
Pentagon	FY19	307,942	300,358	284,081	892,381	39.1%
	FY20	465,120	439,155	337,117	1,241,392	
Pentagon City	FY19	347,606	308,985	296,559	953,150	8.2%
	FY20	368,573	336,697	326,117	1,031,387	
Total	FY19	1,417,117	1,288,411	1,229,189	3,934,716	1.8%
	FY20	1,413,204	1,292,555	1,300,924	4,006,683	
Total Virginia Stations	FY19	3,881,942	3,396,564	3,347,246	10,625,752	-15.9%
	FY20	3,058,628	2,776,500	3,097,754	8,932,882	

Source: WMATA. Ridership is based on station entries and exits



B. FY2020 1st Quarter Parking Utilization Report

Parking Utilization Fiscal Year to Date (FYTD) data is shown for the first quarter of FY2020. Parking was available at no cost at Huntington, Van Dorn, and Franconia-Springfield Stations during the Summer 2019 Platform Improvement Project due to construction work and thus eliminated the ability to collect parking utilization data during that time period.

WMATA Virginia Parking Facility Usage (Average Weekday)							
1 st Quarter FY 2020							
Station/Lot	FYTD19 Lot Capacity	1 st Quarter FYTD19 Lot Usage		FYTD20 Lot Capacity	1 st Quarter FYTD20 Lot Usage		Percent Change (2019-2020)
		Percentage	Average		Percentage	Average	
Huntington*	2,732	75%	2,049	3,175	57%	1,810	-24%
West Falls Church	2,009	58%	1,165	2,009	67%	1,346	16%
Dunn Loring	1,964	46%	903	1,964	50%	982	9%
Vienna**	4,719	76%	3,586	5,169	70%	3,618	-8%
Franconia	5,069	55%	2,788	5,069	47%	2,382	-15%
Van Dorn	361	100%	361	361	78%	282	-22%
East Falls Church	422	116%	490	422	119%	502	3%
Wiehle-Reston East	2,300	98%	2,254	2,300	92%	2,116	-6%
Northern Virginia Total¹	19,576	67%	13,116	20,469	64%	13,100	-4%

Source: WMATA

*Huntington South Garage closed in August 2018; Reopened in September 2019.

** Beginning in November 2018, WMATA began a rehabilitation project at the Park & Ride North Garage at Vienna Metrorail Station that is estimated to last 1½ years. Up to 450 daily parking spaces will be unavailable for use each day while the project is underway.

¹During the Blue and Yellow Shutdown, parking was available at no cost at Huntington, Van Dorn, and Franconia-Springfield Stations. Commuters are utilizing these parking facilities, but construction work at these stations has caused WMATA to suspend parking utilization data collection for the duration. Parking utilization statistics at these stations reported as zero, which is included July and August utilization percentages.