### **DEBT SERVICE**

**Debt Service Overview** 

**Debt Ratios** 

**Debt Service Amortization Schedules** 

**Capital Lease Amortization Schedules** 

#### **Debt Service Overview**

As part of the annual budget process, the City Council adopts a comprehensive set of Financial Policies. These policies serve to establish and document a policy framework for fiscal decision-making and to strengthen the financial management of the City. One of these policies specifically addresses Debt Service, and incorporates two subcomponents. First, debt service targets have been identified for the following: annual debt service expenditures shall be less than nine percent of annual expenditures and outstanding debt shall be less than three percent of assessed valuation. Second, the term of any bond issue shall not exceed the useful life of the capital project/facility or equipment for which the borrowing is intended.

The City of Fairfax must adhere to debt limitations as outlined by the Virginia State Constitution, which requires that the City may not issue bonds in excess of 10% of assessed valuation. Per the City's FY 2020 Comprehensive Annual Financial Report (CAFR), approximately \$131.8 million of outstanding debt is applicable to the limit of 10% of assessed value (approximately \$654.0 million). Thus, the City's total net debt applicable to the limit as a percentage of the debt limit is 20.2%.

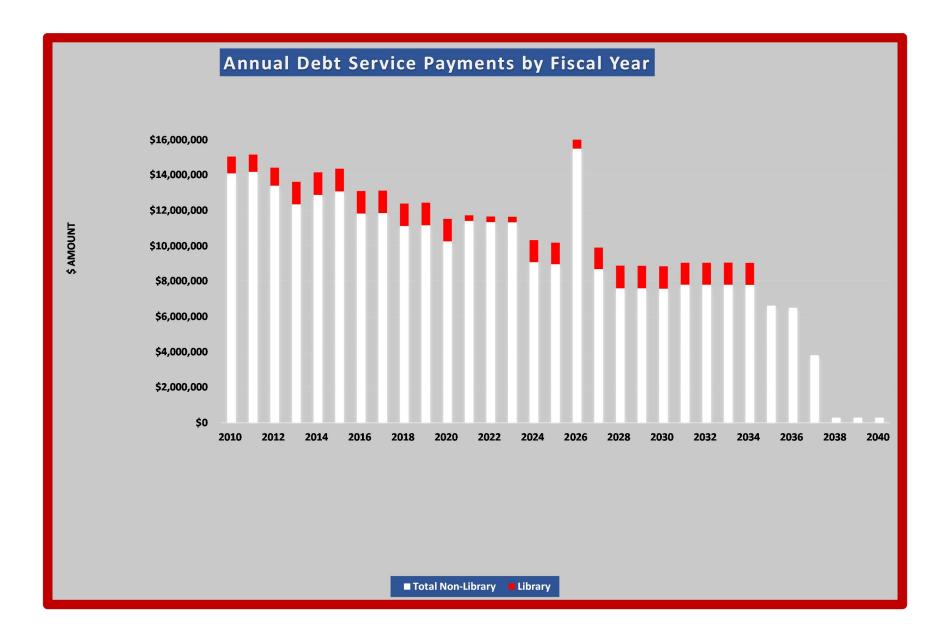
The City consults with its financial advisors and bond counsel to explore the most cost effective financing options for all debt issuances. This adherence to prudent fiscal management has allowed the City to make several long term infrastructure improvements for its residents. The City currently receives the highest bond ratings from two of the national bond rating organizations - Standard & Poor's and Moody's Investors Service.

Standard and Poor's Rating Services rated the City AAA, the highest credit rating attainable, citing "...a city economic base that has remained strong throughout the current recession; the City's demonstrated ability to manage its budget effectively translating to a history of strong reserves...strong financial performance and position, aided by financial and debt policies and conservative management...". Of the 39 cities in Virginia, only nine currently carry AAA ratings: the cities of Alexandria, Charlottesville, Chesapeake, City of Fairfax, Falls Church, Poquoson, Suffolk, Virginia Beach and Winchester. In addition, Moody's has affirmed the AAA rating for the City, that the City's underlying General Obligation credit is the highest possible. Per Moody's this rating reflects "a favorably-located tax base experiencing recessionary value declines, above-average wealth indices, stable financial operations with satisfactory reserves and a favorable debt profile."

The City is currently repaying bonds for projects to construct or improve City schools, the Blenheim property, streets, municipal buildings, underground utilities, construct a library, purchase and develop open space, improve storm drainage, and develop ballfields and a park. The following chart provides a summary of total debt service and capital lease payments due from the General Fund. Debt service for the Wastewater Fund is noted in section E of this book (Wastewater Fund).

	FY 2021	FY 2022
Category	Budget	Adopted
General Obligation (G/O)		
General Government	\$ 1,133,973	\$ 1,132,484
Schools	5,276,301	4,658,470
Total General Obligation	\$ 6,410,274	\$ 5,790,954
Capital Lease		
General Government	\$ 4,751,779	\$ 5,176,686
Schools	561,388	566,714
Total Capital Lease	\$ 5,313,167	\$ 5,743,401
<b>Total Payments</b>	\$11,723,441	\$11,534,355

The chart on the following page provides a comparative view of total debt service and capital lease payments due from the General Fund for the years 2010 -2040.



FY 2022 Adopted Budget – City of Fairfax, Virginia

	Debt Ratios							
	Net		Assessed	Debt	% of Debt to	Direct	Debt Service as %	
CY	Bonded Debt (1)	Population	Value	Per Capita	Assessed Value (2)	Debt Service	Gen. Fund Expen.	
2008	119,124,230	22,112	5,637,792,000	5,387	2.11%	9,271,124	9.00%	
2009	114,767,655	22,418	5,359,097,100	5,119	2.14%	9,644,801	8.70%	
2010	110,300,000	22,565	5,359,610,100	4,888	2.06%	9,568,519	7.90%	
2011	106,825,000	22,940	4,972,880,538	4,657	2.15%	8,778,887	7.80%	
2012	102,605,000	23,461	5,093,200,975	4,373	2.01%	8,578,460	7.30%	
2013	101,361,000	23,973	5,221,856,263	4,228	1.94%	8,517,882	6.90%	
2014	100,382,000	22,671	5,548,950,800	4,428	1.81%	7,884,006	6.28%	
2015	95,983,000	22,671	5,693,020,000	4,234	1.69%	7,824,902	6.09%	
2016	91,455,000	24,730	5,852,029,500	3,698	1.56%	7,744,376	5.94%	
2017	86,764,000	24,919	5,941,884,000	3,482	1.46%	7,700,066	5.68%	
2018	82,121,000	23,183	6,095,026,300	3,542	1.35%	7,487,241	5.34%	
2019	77,148,000	23,257	6,204,742,000	3,317	1.24%	6,116,628	4.29%	
2020	73,381,000	23,825	6,439,994,300	3,080	1.14%	6,578,763	4.53%	
2021	70,578,000	24,552	6,469,649,950	2,875	1.09%	6,410,274	4.73%	
2022	65,772,000	23,937	6,840,247,450	2,748	0.96%	5,911,954	3.81%	

<sup>(1)</sup> Excludes debt of self-supporting projects and non-bonded debt financing.

<sup>(2)</sup> State Limit is 10.0% of real estate assessed value which equates to \$684,024,745. Per City Debt Policy, Outstanding Debt shall be less than 3% of Assessed Value

## General Fund General Obligation Debt Services Consolidated Debt Service Requirements

### **Payments During Year**

YEAR ENDING  JUNE 30	PRINCIPAL	INTEREST	RE	TOTAL EQUIREMENT
2022	4,474,000	1,437,954		5,911,954
2023	4,506,000	1,406,520		5,912,520
2024	3,165,000	1,269,778		4,434,778
2025	3,269,000	1,176,310		4,445,310
2026	3,373,000	1,125,338		4,498,338
2027	3,426,000	1,062,454		4,488,454
2028	3,683,000	998,582		4,681,582
2029	3,745,000	930,827		4,675,827
2030	3,817,000	861,924		4,678,924
2031	4,639,000	791,693		5,430,693
2032	4,757,000	678,038		5,435,038
2033	4,877,000	561,491		5,438,491
2034	4,986,000	442,005		5,428,005
2035	5,119,000	319,847		5,438,847
2036	5,239,000	194,432		5,433,432
2037	2,697,000	66,077		2,763,077
Total	\$ 65,772,000	\$ 13,323,270	\$	79,095,270

Note – This schedule consolidates the debt issuances found on pages J-7 through J-14.

## General Obligation Refunding Bonds, Series 2010 (2002 General Obligation Bonds)

### Principal and Interest, 7-15; Interest, 1-15

### **Payments During Year**

YEAR ENDING			TOTAL
<u>JUNE 30</u>	<u>PRINCIPAL</u>	<u>INTEREST</u>	<u>REQUIREMENT</u>
0000	070.050	440.000	4 000 050
2022	978,650	118,002	1,096,652
2023	1,017,500	77,885	1,095,385
2024	510,600	39,682	550,282
2025	 538,350	13,459	551,809
Total	\$ 3,045,100 \$	249,028	\$ 3,294,128

Purpose: Renovation and construction of City Hall and Police Headquarters on Old Lee Hwy.

**Principal Amount:** Original - \$20,000,000; Refunding - \$12,017,600; Refunding - \$4,882,150

Date of Issue: Original – July 2002; Refunding – March 2010; Refunded by JP Morgan GO Bond November

2019

# General Obligation Refunding Bonds, Series 2010 (2004 & 2005 School Bonds) Principal and Interest, 7-15; Interest, 1-15

### **Payments During Year**

YEAR ENDING JUNE 30	<u>PRINCIPAL</u>	INTEREST	TOTAL REQUIREMENT
2022	1,666,350	200,923	1,867,273
2023	1,732,500	132,615	1,865,115
2024	869,400	67,567	936,967
2025	916,650	22,916	939,566
Total	\$ 5,184,900 \$	424,021	\$ 5,608,921

Purpose: Renovation and construction of Fairfax High School and Katherine Johnson Middle School.

**Principal Amount:** Original - \$42,000,000 & \$44,800,000; Refunding - \$20,462,400; Refunding - \$8,312,850

**Date of Issue:** Original – December 2004 & November 2005; Refunding – March 2010; Refunded by JP Morgan GO Bond Nov 2019

# General Obligation Refunding Bonds, Series 2016B (2004 & 2005 School Bonds) Principal and Interest, 7-15; Interest, 1-15

### **Payments During Year**

YEAR ENDING JUNE 30	PRINCIPAL	INTEREST	TOTAL REQUIREMENT
2022	40,000	33,583	73,583
2023	44,000	33,121	77,121
2024	1,484,000	24,717	1,508,717
2025	1,505,000	8,278	1,513,278
Total	\$ 3,073,000 \$	99,699	\$ 3,172,699

**Purpose:** Advanced refunding of a portion of the 2004 and 2005 school bonds for the renovation and construction of Fairfax High School and Katherine Johnson Middle School.

**Principal Amount:** \$3,415,000; Refunding – \$3,235,000

Date of Issue: November 2011; Refunding – August 2016

## General Obligation Refunding Bonds, Series 2016A (2004 & 2005 School Bonds) Principal and Interest, 7-15; Interest, 1-15

### **Payments During Year**

YEAR ENDING			TOTAL
<b>JUNE 30</b>	<b>PRINCIPAL</b>	<u>INTEREST</u>	<b>REQUIREMENT</b>
2022	1,537,000	325,725	1,862,725
2023	1,564,000	297,752	1,861,752
2024	157,000	269,287	426,287
2025	161,000	266,430	427,430
2026	1,779,000	263,500	2,042,500
2027	1,808,000	231,122	2,039,122
2028	3,568,000	198,216	3,766,216
2029	3,627,000	133,279	3,760,279
2030	 3,696,000	67,267	3,763,267
Total	\$ 17,897,000 \$	2,052,578	\$ 19,949,578

**Purpose:** Advanced refunding of a portion of the 2004 and 2005 school bonds for the renovation and construction of Fairfax High School and Katherine Johnson Middle School.

Principal Amount: \$19,346,000; Refunding - \$18,871,000

Date of Issue: June 2012; Refunding – August 2016

# General Obligation Refunding Bonds, Series 2019 (Federally Taxable) (2004 & 2005 School Bonds) Interest, 7-15; Principal and Interest, 1-15

### **Payments During Year**

YEAR ENDING  JUNE 30	PRINCIPAL	INTEREST	TOTAL REQUIREMENT
2022	214,000	700,728	914,728
Total	\$ 214,000	\$ 700,728	\$ 914,728

**Purpose:** Advanced refunding of a portion of the 2004 and 2005 school bonds for the renovation and construction of Fairfax High School and Kahterine Johnson Middle School.

Principal Amount: Original \$33,871,000; Taxable Refunding - \$717,000

Date of Issue: September 2012; Taxable Refunding November 2019

### General Obligation Refunding Bonds, Series 2020 (2002 General Obligation Bonds)

### Interest, 7-15; Principal and Interest, 1-15

### **Payments During Year**

YEAR ENDING			TOTAL
<u>JUNE 30</u>	<u>PRINCIPAL</u>	INTEREST	REQUIREMENT
2022	14 000	24 022	25 022
2022	14,000	21,832	35,832
	14,000	21,570	35,570
2024	15,000	21,307	36,307
2025	16,000	21,026	37,026
2026	549,000	20,727	569,727
2027	557,000	10,438	567,438
Total	\$ 1,165,000 \$	116,900	\$ 1,281,900

**Purpose:** Advanced refunding of a portion of the 2004 and 2005 school bonds for the renovation and construction of Fairfax High School and Kahterine Johnson Middle School.

Principal Amount: Original \$3,202,000; Refunding - \$1,185,000

Date of Issue: September 2012; Refunding April 2020

## General Obligation Refunding Bonds, Series 2020 (2004 & 2005 School Bonds) Interest, 7-15; Principal and Interest, 1-15

### **Payments During Year**

YEAR ENDING  JUNE 30	PRINCIPAL	INTEREST	TOTAL QUIREMENT
2022	24,000	37,161	61,161
2023	25,000	36,712	61,712
2024	25,000	36,243	61,243
2025	25,000	35,775	60,775
2026	935,000	35,306	970,306
2027	949,000	17,784	966,784
Total	\$ 1,983,000	\$ 198,981	\$ 2,181,981

**Purpose:** Advanced refunding of a portion of the 2004 and 2005 school bonds for the renovation and construction of Fairfax High School and Kahterine Johnson Middle School.

Principal Amount: Original \$3,202,000; Refunding - \$2,017,000

Date of Issue: September 2012; Refunding April 2020

## General Obligation Refunding Bonds, Series 2022 (2004 & 2005 School Bonds) Interest, 7-15; Principal and Interest, 1-15

### **Payments During Year**

YEAR ENDING JUNE 30	PRINCIPAL	INTEREST	RE	TOTAL QUIREMENT
2023	109,000	806,865		915,865
2024	104,000	810,975		914,975
2025	107,000	808,426		915,426
2026	110,000	805,805		915,805
2027	112,000	803,110		915,110
2028	115,000	800,366		915,366
2029	118,000	797,548		915,548
2030	121,000	794,657		915,657
2031	4,639,000	791,693		5,430,693
2032	4,757,000	678,038		5,435,038
2033	4,877,000	561,491		5,438,491
2034	4,986,000	442,005		5,428,005
2035	5,119,000	319,847		5,438,847
2036	5,239,000	194,432		5,433,432
2037	 2,697,000	 66,077		2,763,077
Total	\$ 33,210,000	\$ 9,481,335	\$	42,691,335

**Purpose:** Advanced refunding of a portion of the 2004 and 2005 school bonds for the renovation and construction of Fairfax High School and Kahterine Johnson Middle School.

Principal Amount: Original \$33,210,000; Refunding - \$33,210,000

Date of Issue: September 2012; Refunding November 2022

### General Fund Capital Lease Schedule Consolidated Capital Lease Payment Requirements

### **Payments During Year**

YEAR ENDING  JUNE 30		PRINCIPAL	INTEREST	TOTAL REQUIREMENT
2022		4,177,380	1,566,021	5,743,401
2023		4,291,230	1,438,966	5,730,196
2024		4,578,679	1,314,209	5,892,888
2025		4,535,470	1,203,767	5,739,237
2026		11,174,960	1,042,027	12,216,987
2027		4,545,760	877,078	5,422,838
2028		3,410,870	766,272	4,177,142
2029		3,506,320	670,383	4,176,703
2030		3,582,000	571,086	4,153,086
2031		3,154,000	471,031	3,625,031
2032		3,246,000	376,046	3,622,046
2033		3,343,000	277,346	3,620,346
2034		3,445,000	173,914	3,618,914
2035		1,069,000	105,601	1,174,601
2036		987,000	76,144	1,063,144
2037		1,012,000	48,692	1,060,692
2038		265,000	21,285	286,285
2039		275,000	13,047	288,047
2040	-	280,000	4,375	284,375
Total	\$	60,878,669	\$ 11,017,289	\$ 71,895,958

Note – This schedule consolidates schedules found on pages J-16 through J-25.

## 2017 COPS Refunding B & C Ball Fields/Schools/Transportation Principal and Interest, 7-15 & 1-15

### **Payments During Year**

YEAR ENDING			TOTAL
<u>JUNE 30</u>	<u>PRINCIPAL</u>	<u>INTEREST</u>	<b>REQUIREMENT</b>
2022	983,000	129,513	1,112,513
2023	982,000	108,487	1,090,487
2024	1,013,000	87,312	1,100,312
2025	1,033,000	65,527	1,098,527
2026	1,132,000	42,886	1,174,886
2027	1,155,000	18,532	1,173,532
Total	\$6,298,000	<b>\$452,257</b>	\$6,750,257

Purpose: Advanced refunding of the Series 2011 B & C COPS

**Principal Amount:** Original: \$15,800,000; Refunding \$13,738,800 (May 2011);

Refunding \$9,552,000 (April 2017)

Date of Issue: April 2017

Collateral / Property Interest: Stafford Drive Park, Blenheim Property, Stafford East Park

**Principal Amount:** 2019C \$32,730,000

VRA Combined Series 2012A & 2019C
(2005 Public Facility Bond - Library Project)
(2005 Public Facility Bond - Downtown Projects)
(2019 Public Facility Bond - Fire Station 33
(2019 Public Facility Bond - Fire Truck Acquisition
Principal and Interest, 10-1; Interest, 4-1

#### **Payments During Year**

YEAR ENDING				TOTAL
<b>JUNE 30</b>		<u>PRINCIPAL</u>	<u>INTEREST</u>	<u>REQUIREMENT</u>
20	022	1,325,000	901,193	2,226,193
20	023	1,390,000	839,646	2,229,646
20	024	2,000,000	781,708	2,781,708
20	025	2,055,000	731,215	2,786,215
20	026	2,110,000	676,803	2,786,803
20	027	2,170,000	618,655	2,788,655
20	028	2,290,000	556,109	2,846,109
20	029	2,355,000	488,714	2,843,714
20	030	2,420,000	417,712	2,837,712
20	031	2,495,000	342,955	2,837,955
20	032	2,575,000	265,104	2,840,104
20	033	2,660,000	183,850	2,843,850
20	034	2,745,000	98,176	2,843,176
20	035	350,000	48,063	398,063
20	036	250,000	37,300	287,300
20	037	255,000	29,010	284,010
20	038	265,000	21,285	286,285
20	039	275,000	13,047	288,047
20	040	280,000	4,375	284,375
Total	\$	30,265,000	\$ 7,054,920	\$ 37,319,920

 Refund 2012A Library Project
 \$14,570,962

 Refund 2012A Downtown Projects
 \$13,539,038

 Finance 2019C Fire Truck
 \$ 1,025,000

 Finance 2019C Fire Station
 \$ 3,595,000

 Total
 \$32,730,000

Date of Issue: Original Issue July 2005; 1st refunding June 2012; 2nd refunding and new money financing

November, 2019

Collateral / Property Interest: City Hall & Property Yard

### Energy Services Financing 2014 Principal and Interest, 7-15 & 1-15

### **Payments During Year**

YEAR ENDING  JUNE 30	PRINCIPAL	INTEREST	TOTAL REQUIREMENT
2022	111,750	25,632	137,382
2023	118,380	22,911	141,291
2024	125,280	20,029	145,309
2025	132,470	16,979	149,449
2026	139,960	13,755	153,715
2027	147,760	10,349	158,109
2028	155,870	6,755	162,625
2029	 164,320	2,964	167,284
Total	\$ 1,095,790 \$	119,374 \$	1,215,164

**Purpose:** Finance the purchase and installation of energy saving equipment at various City buildings. Energy cost savings should cover debt service.

Principal Amount: \$1,708,450

Date of Issue: November 2013

Collateral / Property Interest: Equipment purchased with lease proceeds

### Old Town Square Lease Financing 2014 (Part A) Principal and Interest, 8-1; Interest, 2-1

### **Payments During Year**

YEAR ENDING			TOTAL
<b>JUNE 30</b>	<u>PRINCIPAL</u>	<u>INTEREST</u>	<u>REQUIREMENT</u>
2022	205 000	60,000	264.000
2022	295,000	69,098	364,098
2023	305,000	61,688	366,688
2024	310,000	54,093	364,093
2025	320,000	46,312	366,312
2026	325,000	38,347	363,347
2027	335,000	30,196	365,196
2028	345,000	21,798	366,798
2029	350,000	13,215	363,215
2030	 360,000	4,446	364,446
Total	\$ 2,945,000 \$	339,193 \$	3,284,193

**Purpose:** Finance the construction of a public park at North Street & University Drive, erect a pedestrian barrier at North Street and Route 123, and renovate a parking lot at East Street.

Principal Amount: \$4,570,000

Date of Issue: May 2014

Collateral / Property Interest: Park property, Old Town Hall, Police Firing Range and East Street parking

lot

## Police Firing Range Lease Financing 2014 (Part B) Principal and Interest, 8-1; Interest, 2-1

### **Payments During Year**

YEAR ENDING JUNE 30	PRINCIPAL	INTEREST	TOTAL REQUIREMENT
2022	275,000	20,947	295,947
2023	280,000	15,120	295,120
2024	285,000	9,187	294,187
2025	295,000	3,098	298,098
Total	\$ 1,135,000 \$	48,352 \$	1,183,352

Purpose: Renovate the police firing range located at the City's Property Yard

Principal Amount: \$2,680,000

Date of Issue: May 2014

Collateral / Property Interest: Park property, Old Town Hall, Police Firing Range and East Street parking

lot

## Fire Ladder Truck Principal and Interest, 7-15

### **Payments During Year**

YEAR ENDING  JUNE 30	PRINCIPAL	INTEREST	TOTAL REQUIREMENT
2022	157,651	8,700	166,351
2023	160,500	5,852	166,352
2024	163,399	2,952	166,351
Total	\$481,550	\$17,504	\$499,054

**Purpose:** Capital lease/purchase agreement to finance the replacement of a Fire Ladder Truck.

Principal Amount: \$1,235,430

Date of Issue: November 2015

**Collateral / Property Interest:** Fire Ladder truck

## 2017 Financing Fire Truck Principal and Interest, 7-15

### **Payments During Year**

YEAR ENDING JUNE 30	PRINCIPAL	INTEREST	TOTAL REQUIREMENT
JUNE 30	PRINCIPAL	INTEREST	REQUIRENT
2022	191,979	6,801	198,780
2023	195,350	3,430	198,780
Total	\$387,329	\$10,231	\$397,560

Purpose: Fire Truck.

Principal Amount: \$948,100

Date of Issue: October 2017

**Collateral / Property Interest:** Fire Truck

### 2017 COP Fire Station 33 Principal and Interest, 1-15; Interest, 7-15

### **Payments During Year**

YEAR ENDING			TOTAL
<b>JUNE 30</b>	PRINCIPAL	<u>INTEREST</u>	<b>REQUIREMENT</b>
		· · · · · · · · · · · · · · · · · · ·	
2022	723,000	280,228	1,003,228
2023	742,000	261,430	1,003,430
2024	560,000	242,138	802,138
2025	574,000	227,578	801,578
2026	589,000	212,654	801,654
2027	605,000	197,340	802,340
2028	620,000	181,610	801,610
2029	637,000	165,490	802,490
2030	802,000	148,928	950,928
2031	659,000	128,076	787,076
2032	671,000	110,942	781,942
2033	683,000	93,496	776,496
2034	700,000	75,738	775,738
2035	719,000	57,538	776,538
2036	737,000	38,844	775,844
2037	757,000	19,682	776,682
Total	\$10,778,000	\$2,441,712	\$13,219,712

Purpose: Replace existing Fire Station 33

Principal Amount: \$11,361,000

Date of Issue: May 2017

Collateral / Property Interest: Leasehold Deed of Trust, Assignment of Leases and Rents, Fixture Filing

and Security Agreement

## 2018 Lease Purchase Agreement Financing (Turf and Equipment) Principal and Interest, 7-15; Interest, 1-15

### **Payments During Year**

YEAR ENDING  JUNE 30	PRINCIPAL	INTEREST	TOTAL REQUIREMENT
2022	115,000	20,634	135,634
2023	118,000	17,127	135,127
2024	122,000	13,515	135,515
2025	126,000	9,783	135,783
2026	129,000	5,945	134,945
2027	133,000	2,002	135,002
Total	\$ 743,000 \$	69,004 \$	812,004

**Purpose:** Turf and Equipment

Principal Amount: \$961,000

Date of Issue: December 2019

Collateral / Property Interest: Various Vehicles/Equipment

## Series 2020 Revenue Note Principal and Interest, 7-15; Interest, 1-15

### **Payments During Year**

YEAR ENDING			TOTAL
<u>JUNE 30</u>	PRINCIPAL	INTEREST	<u>REQUIREMENT</u>
2022	-	103,275	103,275
2023	-	103,275	103,275
2024	-	103,275	103,275
2025	-	103,275	103,275
2026	6,750,000	51,638	6,801,638
Total	\$ 6,750,000 \$	464,738 \$	7,214,738

Purpose: Various City projects

Principal Amount: \$6,750,000

Date of Issue: June 2020

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