

**REPLACEMENT FUND
FY 2019 forward**

	DESCRIPTION	FUND BALANCE	EQUIPMENT	VEHICLES	FIRE DEPT	UNALLOCATED	CHANGE
FY 2019	UNKNOWN ALLOCATION	7,770.39				7,770.39	
FY 2020	Budget/Interest	55,912.55		40,000.00	8,000.00	142.16	48,142.16
	Insurance claim - flood	70,742.14			14,829.59		14,829.59
	Res 20-R-30 Brush truck	115,742.14			45,000.00		45,000.00
	Grant allocation	124,463.64			8,721.50		8,721.50
FY2021	Budget/Interest	158,472.19	4,000.00	20,000.00	10,000.00	8.55	34,008.55
	Brush truck	113,472.19			(45,000.00)		(45,000.00)
	Antenna replacement	109,164.79			(4,307.40)		(4,307.40)
FY2022	Budget/Interest	153,254.66	4,000.00	20,000.00	20,000.00	89.87	44,089.87
	PW truck/CE Rav 4	93,536.16		(59,718.50)			(59,718.50)
	Vehicle sale auction	96,316.16		2,780.00			2,780.00
FY2023	Budget/Interest	142,047.68	4,000.00	20,000.00	20,000.00	1,731.52	45,731.52
	Balance per allocation	142,047.68	12,000.00	43,061.50	77,243.69	9,742.49	142,047.68

Replacement needs by year

	2023 & prior	2024	2025	2026
EQUIPMENT				
Mowers				
John Deere Z970 54"	11,013.10			
John Deere Z970R 72"				
Altoz TRX 54"				
90hp Case Tractor w/15' mowing deck	73,792.43			
Case Backhoe	88,724.58			
Volvo ECR58 Miniexcavator				
Volvo ECR50 Miniexcavator				
Takeuchi TL8R Track Loader				
Pipe Hunter Jetter Trailer				
Insight Vision CCTV Monitor, Camera, and Reel				
Frontier 96" Finishing Mower Deck	2,000.00			
Land Pride 60" Mowing Deck	800.00			
Ford 3930 Tractor	12,500.00			
Ingersol Rand Steel Wheel Roller	8,000.00			
MQ Power 230V Single Phase Generator	6,000.00			
2005 Ford F-650 Dump	25,000.00			
EQUIPMENT NEEDS BY YEAR	227,830.11	0.00	0.00	0.00
CUMULATIVE NEEDS	227,830.11	227,830.11	227,830.11	227,830.11
VEHICLES				
2013 Ford F-150 CC Gas	40,317.49			
2014 Ford F-250 RC Die.	39,143.20			
2018 Ford F-250 RC Die	44,336.95			
2018 Ford F-250 RC Die				47,842.09
2021 Chevy 1500 CC Gas				
2022 Chevy 6500 Dump				
VEHICLE NEEDS BY YEAR	123,797.64	0.00	0.00	47,842.09
CUMULATIVE NEEDS	123,797.64	123,797.64	123,797.64	171,639.73
Needed allocation per year to fully fund equipment replacement (10 years)				65,010.00
Needed allocation per year to fully fund vehicle replacement (6 years)				48,077.00

2027 2028 2029 2030 2031 2032 2033

19,063.04

19,554.99

139,467.70
88,058.97

80,097.42

73,915.40

14,111.12

19,063.04 73,915.40 33,666.11 227,526.67 0.00 0.00 80,097.42
246,893.15 320,808.55 354,474.66 582,001.33 582,001.33 582,001.33 662,098.75

45,505.33
114,378.27

0.00 0.00 159,883.60 0.00 0.00 0.00 0.00

171,639.73 171,639.73 331,523.33 331,523.33 331,523.33 331,523.33 331,523.33

Mower Fleet

Discription:

Purchase Year:

John Deere Z970 54" 5 year 2018
54" deck, John Deere Zero Turn Commercial Mower
Equipment utilized for general mowing

John Deere Z970R 72" 5 year 2020
72" deck, John Deer Zero Turm Commercial Mower
Equipment utilized for general mowing

Altoz TRX 54" 5 year 2022
54" deck, Trac Commercial Mower
Equipment utilized for speciality mowing of slopes and utilized as backup equipment to primary mowers

Note: Standard depreciation schedule is a 7-year time frame from date of purchase. A 10-year timeframe might be applicable for more specialized equipment. Equipment value is increased at a rate of 3% annually.

Purchase Price:	2019	2020	2021	2022
\$9,500.00	\$9,785.00	\$10,078.55	\$10,380.91	\$10,692.33
	2021	2022	2023	2024
\$15,500.00	\$15,965.00	\$16,443.95	\$16,937.27	\$17,445.39
	2023	2024	2025	2026
\$15,900.00	\$16,377.00	\$16,868.31	\$17,374.36	\$17,895.59

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2023	2024	2025
\$11,013.10	\$11,343.50	\$11,683.80

2025	2026	2027
\$17,968.75	\$18,507.81	\$19,063.04

2027	2028	2029
\$18,432.46	\$18,985.43	\$19,554.99

Equipment Fleet

Discription:		Purchase Year:	Purchase Price
<p>90hp Case Tractor w/15' mowing deck <i>90hp Case tractor, 2-remote hydraulics with 15' bat-wing mowing deck</i> Equipment utilized for drainage right of ways, retention ponds, and supplimental mowing of State right of ways</p>	7 year	2016	\$60,000.00
<p>Case Backhoe <i>Case Backhoe with front end loader</i> Equipment utilized for heavy lifting, road work, site restoration and large scale excavations</p>	7 year	2012	\$68,000.00
<p>Volvo ECR58 Miniexcavator <i>ECR58 equiped with bucket rotator assembly, 24" digging bucket, and 48" clean-out bucket</i> Equipment serves as primary excavator and is utilized for all water and sewer taps, distribution and collection main repairs, ditch grading, road work, and heavy lifting</p>	7 year	2023	\$113,400.00
<p>Volvo ECR50 Miniexcavator <i>ECR50 with 18" GP bucket</i> Equipment seves as secondary excavator and is utilized for smaller excavations during water or sewer sevice line repair, water meter box change-out, and non-bore water and sewer taps</p>	7 year	2023	\$71,600.00
<p>Takeuchi TL8R Track Loader <i>Track Loader with 80' bucket</i> Equipment will be utilized for drainage maintenance, parks clean-up, Eexcavation site restoration, road work, and heavy lifting</p>	7 year	2023	\$59,600.00

Pipe Hunter Jetter Trailer Equipment utilized for maintenance of sewer collection lines and power washing of lift station wet wells and manholes	15 year	2018	\$ 55,000.00
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Insight Vision CCTV Monitor, Camera, and Reel Equipment utilized to televise sewer lines and sewer services to determine maintenance needs	7 year	2019	\$10,500.00
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Note: Standard depreciation schedule is a 7-year time frame from date of purchase. A 10-year timeframe might be applicable for more specialized equipment. Equipment value is increased at a rate of 3% annually.

∴	2017	2018	2019	2020	2021	2022
	\$61,800.00	\$63,654.00	\$65,563.62	\$67,530.53	\$69,556.44	\$71,643.14

	2013	2014	2015	2016	2017	2018
	\$70,040.00	\$72,141.20	\$74,305.44	\$76,534.60	\$78,830.64	\$81,195.56

	2024	2025	2026	2027	2028	2029
	\$116,802.00	\$120,306.06	\$123,915.24	\$127,632.70	\$131,461.68	\$135,405.53

	2024	2025	2026	2027	2028	2029
	\$73,748.00	\$75,960.44	\$78,239.25	\$80,586.43	\$83,004.02	\$85,494.14

	2024	2025	2026	2027	2028	2029
	\$61,388.00	\$63,229.64	\$65,126.53	\$67,080.33	\$69,092.73	\$71,165.52

	2019	2020	2021	2022	2023	2024
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\$ 56,650.00 \$ 58,349.50 \$ 60,099.99 \$ 61,902.98 \$ 63,760.07 \$ 65,672.88

2020	2021	2022	2023	2024	2025
\$10,815.00	\$11,139.45	\$11,473.63	\$11,817.84	\$12,172.38	\$12,537.55

2023	2024	2025	2026	2027
\$73,792.43	\$76,006.20	\$78,286.39	\$80,634.98	\$83,054.03

2019	2020	2021	2022	2023
\$83,631.42	\$86,140.37	\$88,724.58	\$91,386.31	\$94,127.90

2030
\$139,467.70

2030
\$88,058.97

2030	2031	2032	2033
\$73,300.48	\$75,499.50	\$77,764.48	\$80,097.42

2025 2026 2027 2028 2029 2030 2031

\$ 67,643.06 \$ 69,672.35 \$ 71,762.53 \$ 73,915.40 \$ 76,132.86 \$ 78,416.85 \$ 80,769.35

2026

2027

2028

2029

\$12,913.68

\$13,301.09

\$13,700.12

\$14,111.12

2032

2033

\$ 83,192.43 \$ 85,688.21

Vehicle Fleet

Discription:		Purchase Year:	Purchase Price:
2012 Ford F-250 RC Gas ODO. 80,000 <i>GF Vehicle (Mowing)</i>	5 year	2013	\$25,000.00
2013 Ford F-150 CC Gas ODO. 100,300	5 year	2014	\$30,000.00
2015 Ford F-250 RC Gas ODO. 63,700 <i>Vehicle used for towing equipment</i>	5 year	2015	\$26,665.00
2018 Ford F-250 RC Die ODO. 38,300 <i>Vehicle used for towing equipment</i>	5 year	2019	\$38,900.00
2018 Ford F-250 RC Die ODO. 40,300 <i>Vehicle used for towing equipment</i>	5 year	2019	\$38,900.00
2022 Chevy 1500 CC Gas ODO. 7,480 <i>Foreman Vehicle</i>	5 year	2022	\$33,240.00
2022 Chevy 6500 Dump	5 year	2022	\$93,000.00

Note: Standard depreciation schedule is a 7-year time frame from date of purchase.
 A 10-year timeframe might be applicable for more specialized equipment. Equipment value is increased at a rate of 3% annually.

2014	2015	2016	2017	2018	2019	2020
\$25,750.00	\$26,522.50	\$27,318.18	\$28,137.72	\$28,981.85	\$29,851.31	\$30,746.85

2015	2016	2017	2018	2019	2020	2021
\$30,900.00	\$31,827.00	\$32,781.81	\$33,765.26	\$34,778.22	\$35,821.57	\$36,896.22

2016	2017	2018	2019	2020	2021	2022
\$27,464.95	\$28,288.90	\$29,137.57	\$30,011.69	\$30,912.04	\$31,839.40	\$32,794.59

2020	2021	2022	2023	2024	2025	2026
\$40,067.00	\$41,269.01	\$42,507.08	\$43,782.29	\$45,095.76	\$46,448.63	\$47,842.09

2020	2021	2022	2023	2024	2025	2026
\$40,067.00	\$41,269.01	\$42,507.08	\$43,782.29	\$45,095.76	\$46,448.63	\$47,842.09

2023	2024	2025	2026	2027	2028	2029
\$34,237.20	\$35,264.32	\$36,322.25	\$37,411.91	\$38,534.27	\$39,690.30	\$40,881.01

2023	2024	2025	2026	2027	2028	2029
\$95,790.00	\$98,663.70	\$101,623.61	\$104,672.32	\$107,812.49	\$111,046.86	\$114,378.27

2021	2022	2023
\$31,669.25	\$32,619.33	\$33,597.91

2022	2023
\$38,003.10	\$39,143.20

2023
\$33,778.42

Discription:**Purchase Year:****Purchase Price:**

2017 Spartan Pumper

20 year

2018

\$493,354.00

2016 Ford Pickup

5 year

2016

\$30,493.00

Surplus Equipment

	Estimated Value
Frontier 90" Finishing Mower Deck	\$1,500.00
Land Pride 72" Mowing Deck	\$1,000.00
Ford 3930 Tractor	\$12,500.00
Ingersol Rand Steel Wheel Roller	\$14,000.00
MQ Power 230V Single Phase Generator	\$20,000.00
2005 Ford F-650 Dump	\$25,000.00
2002 Ford F-350 Dump	\$14,000.00
Curtis Dyna-Fog Silver Cloud Aerosol Fogger	\$1,000.00
Surplus Equipment Total	\$89,000.00