

2021 Budget Hearing #1

November 2, 2020

Date	Title	Comments	Link	
6/15/2020	ESCO Project Presentation		Link to Presentation to C	<u>Council</u>
8/17/2020	Budget Hearing #1	Overview	Budget Overview	
8/31/2020	Budget Hearing #2	Planning, Parks and Recreation	<u>Planning Link</u>	Parks Link
9/8/2020	Budget Hearing #3	Administrative, PWWR	<u>Admin Link</u>	PWWR Link
9/14/2020	Budget Hearing #4	Legislative, Alderman Court	<u>Legislative Link</u>	Alderman Court Link
9/21/2020	Budget Hearing #5	Finance, Police, Electric	<u>Finance Link</u>	Police Link <u>Electric Link</u>
10/5/2020	Financial Workshop #1	Budget Workshop	Budget Workshop	
	Public Comment from 10/5 Budget Workshop		Link to Staff Responses	
10/20/2020	Planning Commission Approval of CIP	Meeting to receive Planning Commissions feedback and suggestions for CIP	Planning Commission Presentation	2021 to 2025 Proposed CIP
	Budget Central	Central repository for all budget documentation	Budget Central Link	



Budget Timeline

Date	Title:	Notes:
Monday, August 17, 2020	Department Budget Hearing #1	Council Direction given for: Overview
Monday, August 31, 2020	Department Budget Hearing #2	Council Direction given for: Planning, Parks and Recreation
Tuesday, September 8, 2020	Department Budget Hearing #3	Council Direction given for: Administrative, PWWR
Monday, September 14, 2020	Department Budget Hearing #4	Council Direction given for: Legislative, Alderman Court
Monday, September 21, 2020	Department Budget Hearing #5	Council Direction given for: Finance, Police, Electric
Monday, October 5, 2020	Financial Workshop #1	Budget Workshop
Tuesday, October 20, 2020	Planning Commission Approval of CIP	Meeting to receive Planning Commissions feedback and
	rialililing Colliniission Approval of Cir	suggestions for CIP
Monday, November 2, 2020	Budget Hearing #1	Special Meeting
Monday, November 16, 2020	Budget Hearing #2	Special Meeting
Monday, November 23, 2020	Intro Date for revenue ordinances	
Monday, November 30, 2020	requires a special meeting	
Monday, December 7, 2020	Budget Hearing #3	



				1	* as advertised		** as proposed			
SUMMARY		8/17/2020	10/5/2020		10/16/2020		11/2/2020		% FROM	\$ FROM
JOIVINANT		BUDGET	BUDGET		* BUDGET		**BUDGET	10,	/16 BUDGET	10/16 BUDGET
Revenue/Other Funding Sources										
Utility Sales	\$	70,644,150	\$ 72,056,529		72,056,529	\$	72,056,529	\$	-	0.0%
Real Estate and Other Taxes		10,305,000	10,342,000		10,305,000		10,305,000		-	0.0%
Fees for Service		9,221,750	9,341,310		9,341,310		9,341,310		-	0.0%
Intergovernmental Revenue		1,829,542	1,836,027	7	1,836,027		1,836,027		-	0.0%
Other Revenue		1,094,350	1,094,350)	1,094,350		1,094,350		-	0.0%
Appropriation of Prior Year Reserves		-		-	-		-		-	n/a
Total Operating Revenue	\$	93,094,792	\$ 94,670,210	5 \$	94,633,216	\$	94,633,216	\$	-	0.0%
Expenditures										
Personnel Services		35,750,992	35,677,089	ı ¢	35,677,089	\$	35,677,089	\$		0.0%
Utility Purchases		38,592,386	36,804,486		36,804,486	٦	36,804,486	ڔ	-	0.0%
Materials and Supplies		2,347,762	2,365,695		2,365,695		2,365,695		-	0.0%
									-	0.0%
Contractual Services		10,464,805	10,611,313		10,611,313		10,611,313		-	
Equipment Depreciation		1,503,666	1,443,987		1,443,987		1,443,987		-	0.0%
Other Expenses		1,106,872	1,096,872		1,096,872	_	1,096,872		-	0.0%
Total Operating Expenses	\$	89,766,483	\$ 87,999,442	2 \$	87,999,442	\$	87,999,442	\$	-	0.0%
Capital Improvements										
Gross Capital Improvements		11,382,603	19,706,898	3 \$	19,706,898	\$	22,956,548	\$	3,249,650	16.5%
Less: Use of Reserves		(1,102,038)	(1,102,038	3)	(1,102,038)		(1,450,168)		(348, 130)	31.6%
Equipment Replacement		(731,497)	(614,49	•	(614,497)		(614,497)		-	0.0%
Grants		(1,495,070)	(2,508,889	•	(2,508,889)		(3,813,409)		(1,304,520)	52.0%
Bond Issues		(646,888)	(646,888	•	(646,888)		(646,888)		-	0.0%
State Revolving Loan		(4,600,000)	(4,600,000		(4,600,000)		(6,007,000)		(1,407,000)	30.6%
Other Sources		(1,190,000)	(8,695,965		(8,695,965)		(8,905,965)		(210,000)	2.4%
Net Capital Improvements	\$	1,617,110	\$ 1,538,622		1,538,621	\$	1,518,621	\$	(20,000)	-1.3%
Debt Service	\$	3,733,703	\$ 3,552,568	\$	3,552,568	\$	3,552,568	\$	-	0.0%
Net Current Surplus		(2,022,504)	1,579,585	5	1,542,585		1,562,585		20,000	1.3%
TOTAL EXPENDITURES AND SURPLUS	<u> </u>	93,094,792	\$ 94,670,210	5 \$	94,633,216	\$	94,633,216	\$		0.0%
		30,037,732	7 3 1,07 0,210	· Y	J 1,000,E10		3 1,000,210	<u> </u>		0.07

Budget presented to City Council on October 5 is the same budget that was advertised as required by City Code on October 16, except:

1% Tax increase was removed

 Green-shaded figures represent changes from the original 8/17 proposal



Revenues



OP EX



CIP

Debt Service



		as advertised	*	* as proposed			
SUMMARY	10/16/2020		11/2/2020			% FROM	\$ FROM
		* BUDGET		**BUDGET	10,	/16 BUDGET	10/16 BUDGE
Revenue/Other Funding Sources							
Utility Sales	Ś	72,056,529	\$	72,056,529	\$	_	0.09
Real Estate and Other Taxes	Ţ	10,305,000	Ţ	10,305,000	Ţ	_	0.09
Fees for Service		9,341,310		9,341,310		_	0.09
Intergovernmental Revenue		1,836,027		1,836,027		_	0.09
Other Revenue		1,094,350		1,094,350		_	0.09
Appropriation of Prior Year Reserves		1,054,550		1,054,550		_	n/
Total Operating Revenue	\$	94,633,216	\$	94,633,216	\$		0.09
9				,,,,,,	<u> </u>		
Expenditures							
Personnel Services	\$	35,677,089	\$	35,677,089	\$	-	0.09
Utility Purchases		36,804,486		36,804,486		-	0.09
Materials and Supplies		2,365,695		2,365,695		-	0.0
Contractual Services		10,611,313		10,611,313		-	0.09
Equipment Depreciation		1,443,987		1,443,987		-	0.09
Other Expenses		1,096,872		1,096,872	. <u> </u>	_	0.09
Total Operating Expenses	\$	87,999,442	\$	87,999,442	\$	-	0.09
Capital Improvements							
Gross Capital Improvements	\$	19,706,898	\$	22,956,548	\$	3,249,650	16.59
Less: Use of Reserves		(1,102,038)	•	(1,450,168)	•	(348,130)	31.69
Equipment Replacement		(614,497)		(614,497)		-	0.09
Grants		(2,508,889)		(3,813,409)		(1,304,520)	52.09
Bond Issues		(646,888)		(646,888)		-	0.09
State Revolving Loan		(4,600,000)		(6,007,000)		(1,407,000)	30.69
Other Sources		(8,695,965)		(8,905,965)		(210,000)	2.49
Net Capital Improvements	\$	1,538,621	\$	1,518,621	\$	(20,000)	-1.39
Debt Service	\$	3,552,568	\$	3,552,568	\$	-	0.09
Net Current Surplus		1,542,585		1,562,585		20,000	1.3
TOTAL EXPENDITURES AND SURPLUS	\$	94,633,216	\$	94,633,216	\$	-	0.0

- The next few slides will discuss the changes that occurred from the October 16 budget advertisement
- Blue-shaded column reflects the 2021
 Budget as presented on November 2,
 2020 for consideration and adoption



OPEX - Budget Adjustments from October 16 Advertisement

	*as advertised			
CAPITAL IMPROVEMENTS	10/16/2020	11/2/2020	\$ FROM	% FROM
CAPITAL IIVIPROVEIVIENTS	BUDGET	BUDGET	10/16 BUDGET	10/5 BUDGET
Gross Capital Improvements	\$ 19,706,898	\$ 22,956,548	\$ 3,249,650	16.5%
Less: Use of Reserves	(1,102,038)	(1,450,168)	(348,130)	31.6%
Equipment Replacement	(614,497)	(614,497)	-	0.0%
Grants	(2,508,889)	(3,813,409)	(1,304,520)	52.0%
Bond Issues	(646,888)	(646,888)	-	0.0%
State Revolving Loan	(4,600,000)	(6,007,000)	(1,407,000)	30.6%
Other Sources	(8,695,965)	(8,905,965)	(210,000)	2.4%
Net Capital Improvements	\$ 1,538,621	\$ 1,518,621	\$ (20,000)	-1.3%

Since October 16, changes include:

- Reduction of \$20,000 to Harris
 Automated Platform project (I1804)
- Adjustment of CIP for Rodney Stormwater Project (Q1802), and Emerson Bridge Project (K1601)
 - No new funds, realignment of 2020 carryover into 2021

Net difference: -\$20,000

	*as advertised			
OTHER	10/16/2020	11/2/2020	\$ FROM	% FROM
OTHER	BUDGET	BUDGET	10/16 BUDGET	10/5 BUDGET
Debt Service	\$ 3,552,568	\$ 3,552,568	\$ -	0.0%
Net Current Surplus	1,542,585	1,562,585	20,000	1.3%
TOTAL EXPENDITURES/SURPLUS	\$ 94,633,216	\$ 94,633,216	\$ -	0.0%

Net Current Surplus

Increased \$20,000

Total Budget:

No overall change

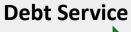


Revenues











		* as amended	** as proposed		
SUMMARY	2019	2020	2021	% FROM	\$ FROM
SOMMAN	ACTUAL	* BUDGET	** BUDGET	2020 BUDGET	2020 BUDGET
Revenue/Other Funding Sources					
Utility Sales	\$ 71,642,391	\$ 72,774,508	\$ 72,056,529	-1.0%	\$ (717,979)
Real Estate and Other Taxes	10,596,904	10,329,000	10,305,000	-0.2%	(24,000)
Fees for Service	9,772,627	10,436,850	9,341,310	-10.5%	(1,095,540)
Intergovernmental Revenue	1,500,991	1,592,287	1,836,027	15.3%	243,740
Other Revenue	1,407,583	1,175,200	1,094,350	-6.9%	(80,850)
Appropriation of Prior Year Reserves	80,000	708,752	-	-100.0%	(708,752)
Total Operating Revenue	\$ 95,000,496	\$ 97,016,597	\$ 94,633,216	-2.5%	\$ (2,383,381)
Expenditures					
Personnel Services	\$ 33,622,361	\$ 35,225,799	\$ 35,677,089	1.3%	\$ 451,290
Utility Purchases	36,900,030	39,274,933	36,804,486	-6.3%	(2,470,447)
Materials and Supplies	2,182,184	2,498,376	2,365,695	-5.3%	(132,681)
Contractual Services	9,233,785	10,893,058	10,611,313	-2.6%	(281,745)
Equipment Depreciation	1,353,420	1,524,265	1,443,987	-5.3%	(80,278)
Other Expenses	1,243,520	1,217,192	1,096,872	-9.9%	(120,320)
Total Operating Expenses	\$ 84,535,300	\$ 90,633,623	\$ 87,999,442	-2.9%	\$ (2,634,181)
Capital Improvements					
Gross Capital Improvements	\$ 9,279,074	\$ 20,724,665	\$ 22,956,548	10.8%	\$ 2,231,883
Less: Use of Reserves	(1,554,281)	(654,726)	(1,450,168)	121.5%	(795,442)
Equipment Replacement	(932,250)	(730,778)	(614,497)	-15.9%	116,281
Grants	(367,609)	(2,268,076)	(3,813,409)	68.1%	(1,545,333)
Bond Issues	(1,301,777)	(767,947)	(646,888)	-15.8%	121,059
State Revolving Loan	(2,598,024)	(11,360,048)	(6,007,000)	-47.1%	5,353,048
Other Sources	(416,972)	(1,754,530)	(8,905,965)	407.6%	(7,151,435)
Net Capital Improvements	\$ 2,108,161	\$ 3,188,560	\$ 1,518,621	-52.4%	\$ (1,669,939)
Debt Service	\$ 2,618,825	\$ 3,000,282	\$ 3,552,568	18.4%	\$ 552,286
Net Current Surplus	5,738,210	194,132	1,562,585	704.9%	1,368,453
TOTAL EXPENDITURES AND SURPLUS	\$ 95,000,496	\$ 97,016,597	\$ 94,633,216	-2.5%	\$ (2,383,381)

This slide includes 2019Actual expenses and revenue activity compared to the 2020 and 2021 budgets



City of Newark 2021 Expenditure Budget Recommendation



Expense Budget – A Closer Look

		* as amended	** as proposed		
EXPENSE BUDGET	2019	2020	2021	% FROM	\$ FROM
EAFLINGE BODGET	ACTUAL	* BUDGET	** BUDGET	2020 BUDGET	2020 BUDGET
Expenditures					
Personnel Services	\$ 33,622,361	\$ 35,225,799	\$ 35,677,089	1.3%	\$ 451,290
Utility Purchases	36,900,030	39,274,933	36,804,486	-6.3%	(2,470,447)
Materials and Supplies	2,182,184	2,498,376	2,365,695	-5.3%	(132,681)
Contractual Services	9,233,785	10,893,058	10,611,313	-2.6%	(281,745)
Equipment Depreciation	1,353,420	1,524,265	1,443,987	-5.3%	(80,278)
Other Expenses	1,243,520	1,217,192	1,096,872	-9.9%	(120,320)
Total Operating Expenses	\$ 84,535,300	\$ 90,633,623	\$ 87,999,442	-2.9%	\$ (2,634,181)
Capital Improvements					
Gross Capital Improvements	\$ 9,279,074	\$ 20,724,665	\$ 22,956,548	10.8%	\$ 2,231,883
Less: Use of Reserves	(1,554,281)	(654,726)	(1,450,168)	121.5%	(795,442)
Equipment Replacement	(932,250)	(730,778)	(614,497)	-15.9%	116,281
Grants	(367,609)	(2,268,076)	(3,813,409)	68.1%	(1,545,333)
Bond Issues	(1,301,777)	(767,947)	(646,888)	-15.8%	121,059
State Revolving Loan	(2,598,024)	(11,360,048)	(6,007,000)	-47.1%	5,353,048
Other Sources	(416,972)	(1,754,530)	(8,905,965)	407.6%	(7,151,435)
Net Capital Improvements	\$ 2,108,161	\$ 3,188,560	\$ 1,518,621	-52.4%	\$ (1,669,939)
Debt Service	\$ 2,618,825	\$ 3,000,282	\$ 3,552,568	18.4%	\$ 552,286
Net Current Surplus	5,738,210	194,132	1,562,585	704.9%	1,368,453
TOTAL EXPENDITURES AND SURPLUS	\$ 95,000,496	\$ 97,016,597	\$ 94,633,216	-2.5%	\$ (2,383,381)



Expense Budget Overview – Operating Expenditures (OP EX)

		* as amended			
	2019	2020	2021	% FROM	\$ FROM
	ACTUAL	* BUDGET	** BUDGET	2020 BUDGET	2020 BUDGET
Expenditures					
Personnel Services	\$ 33,622,361	\$ 35,225,799	\$ 35,677,089	1.3%	\$ 451,290
Utility Purchases	36,900,030	39,274,933	36,804,486	-6.3%	(2,470,447)
Materials and Supplies	2,182,184	2,498,376	2,365,695	-5.3%	(132,681)
Contractual Services	9,233,785	10,893,058	10,611,313	-2.6%	(281,745)
Equipment Depreciation	1,353,420	1,524,265	1,443,987	-5.3%	(80,278)
Other Expenses	1,243,520	1,217,192	1,096,872	-9.9%	(120,320)
Total Operating Expenses	\$ 84,535,300	\$ 90,633,623	\$ 87,999,442	-2.9%	\$ (2,634,181)

- Personnel Expenses increased by \$451K (1.3%)
- Utility Purchases are down \$2.5 million (-6.3%)

Total operating expenses are down 2.9%, or \$2.6 million compared to 2020

- Non-Personnel/Utility Operating Expenses down \$615K (-3.8%)
 - Materials & Supplies decreased \$133K (-5.3%)
 - Contractual Services decreased \$282K (-2.6%)
 - Equip Depreciation Expense -\$80K (-5.3%)
 - Other Expenses decreased \$120K (-9.9%)



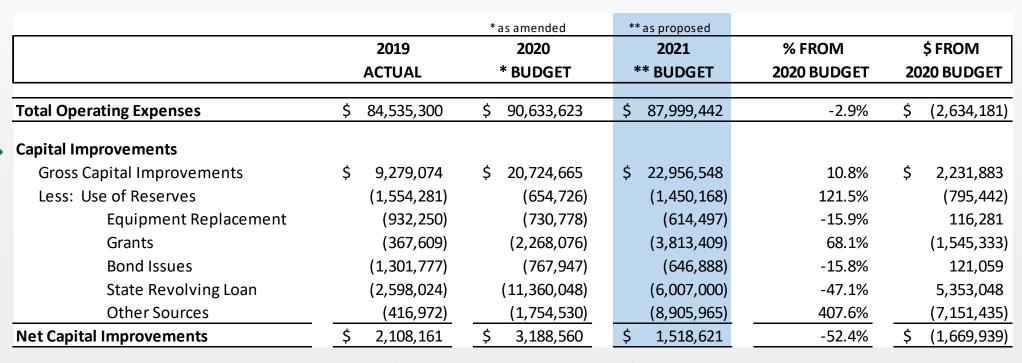
Personnel Expenses – Operating Budget By Type

PERSONNEL SERVICES	* as amended 2020 * BUDGET	** as proposed 2021 ** BUDGET	\$ FROM 2020 BUDGET	% FROM 2020 BUDGET	COMMENTS
Wages					
Full Time	\$ 18,856,935	\$ 19,322,305	\$ 465,370	2.5%	Delete Human Capital Manager, unfund Lineman, no COLA for management/FOP (expiring contract)
Part Time	751,038	657,649	(93,389)	-12.4%	Unfunded p/t Meter Reader (Finance), p/t Street Sweeper (PWWR)
Other	2,485,673	2,472,790	(12,883)	-0.5%	All other wages (overtime, etc)
Total Wages:	\$ 22,093,646	\$ 22,452,744	\$ 359,098	1.6%	
Pension Defined Contribution 401(a)	4,163,050 358,781	4,150,000 374,407	(13,050) 15,626	-0.3% 4.4%	Annual City Contribution to the Pension Fund. City Contribution to non-pensioned employees.
OPEB	1,659,300	1,651,605	(7,695)	-0.5%	2021: \$1,000,000 (future obligations - no change) and \$651,605 (current retirees)
Retirement Health Savings Account	135,706	131,581	(4,125)	-3.0%	Pay as you go
Health Care	4,661,821	4,746,755	84,934	1.8%	Assumes 6% premium increase. Calculated based off current employee coverage.
Other	2,153,495	2,169,997	16,502	0.8%	Social Security, FICA, Dental, Life, Vision, and other insurances.
TOTAL PERSONNEL SERVICES	\$ 35,225,799	\$ 35,677,089	\$ 451,290	1.3%	

• Personnel expenses (\$35.7M) include both current employees and retirees, and total 37.7% of the budget



Expense Budget Overview – Capital Improvements



- The Gross CIP Budget increased \$2.2 million (10.8%) to \$23 million
- The Net CIP Budget decreased \$1.7 million (-52.4%) to \$1.5 million. This represents the portion of the capital budget that is supported by current revenues (taxes, fees, etc.)
- Funding of the CIP consists of six sources, with the largest sources being the ESCO project and State Revolving Loan funds which total nearly \$15 million between them
- There is \$3.8 million in grant funding in the 2021 CIP budget



Expense Budget Overview – Debt Service

		* as amended	** as proposed		
	2019	2020	2021	% FROM	\$ FROM
	ACTUAL	* BUDGET	** BUDGET	2020 BUDGET	2020 BUDGET
Total Operating Expenses	\$ 84,535,300	\$ 90,633,623	\$ 87,999,442	-2.9%	\$ (2,634,181)
Net Capital Improvements	\$ 2,108,161	\$ 3,188,560	\$ 1,518,621	-52.4%	\$ (1,669,939)
Debt Service	\$ 2,618,825	\$ 3,000,282	\$ 3,552,568	18.4%	\$ 552,286
Net Current Surplus	\$ 5,738,210	\$ 194,132	\$ 1,562,585	704.9%	\$ 1,368,453
TOTAL EXPENDITURES AND SURPLUS	\$ 95,000,496	\$ 97,016,597	\$ 94,633,216	-2.5%	\$ (2,383,381)





OPERATING EXPENDITURE OVERVIEW - DEBT SERVICE

- 2021 Debt Service increases \$552K
- ESCO project (City HVAC, solar, LED streetlight upgrade, etc.) – interest only payment in 2021
- Approved 2018
 Referendum projects
 are estimated to
 result in \$801,000 in
 debt service
 payments in 2021
- Lease payments for the replacement of two large truck to preserve cash

				Change	
Debt	Ending Date	2020 Budget	2021 Budget	from 2020	Comments
				Budget	
GOB Series 2011	9/14/2022	1,491,400	1,305,150	(186,250)	2000 Refunding paid in full 2020
Energy Conservation Loan	7/1/2022	68,438	68,438		
Smart Meters	9/1/2022	1,046,189	1,046,189	_	ARRA/DNREC (\$342,839)
Silialt Weters	1/1/2028	1,040,189			BOA (\$703,350)
Fiber Lease	8/5/2027	49,255	49,255	<u> </u>	
ESCO	8/12/2040	-	190,671	190,671	2.345%, 20 year term, offset by other revenue, energy savings. 2021 Interest-only payment
Units 207 and 528 Lease Payments	11/1/2026	-	91,865	91,865	Pending approval by Council at 9/28 Council Meeting
Total:		\$ 2,655,282	\$ 2,751,568	\$ 96,286	

			Change	
Estimated Debt from Referendum	2020 Budget	2021 Budget	from 2020	Ending Date
			Budget	
Rodney Stormwater Park	\$120,000	\$200,000	\$80,000	Interest-only payments until 2021, +20 years
Sanitary Sewer Repairs	\$35,000	\$85,000	\$50,000	Interest-only payments until 2020, +20 years
Air Stripper Replacement - South Well Field	\$77,500	\$260,000	\$182,500	Interest-only payments until 2020, +20 years
Water Tank Maintenance	\$7,500	\$25,000	\$17,500	Interest-only payments until 2023, +20 years
Water SCADA System	\$5,000	\$63,000	\$58,000	Interest-only payments until 2021, +10 years
Water Main Replacement Program	\$25,000	\$56,000	\$31,000	Interest-only payments until 2023, +20 years
General Fund Projects	\$75,000	\$112,000	\$37,000	Interest-only payments until 2022, +10 years
Total:	\$345,000	\$801,000	\$456,000	
Budgeted Debt Service:	\$3,000,282	\$3,552,568	\$552,286	



City of Newark 2021 Revenue Budget Recommendation

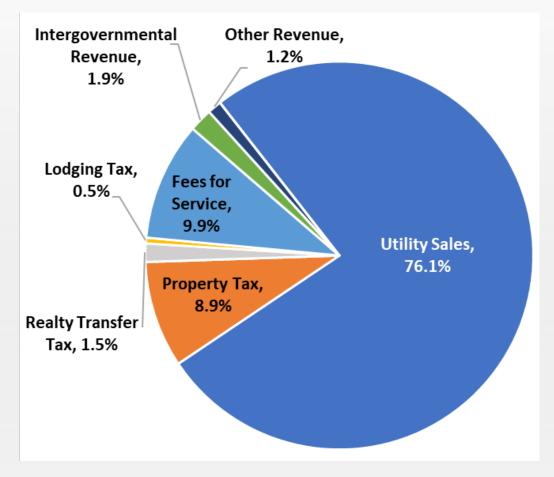


Revenue Budget at a Glance – Summary

		* as amended	** as proposed		
	2019	2020	2021	% FROM	\$ FROM
	ACTUAL	* BUDGET	** BUDGET	2020 BUDGET	2020 BUDGET
Revenue/Other Funding Sources					
Utility Sales	\$ 71,642,391	\$ 72,774,508	\$ 72,056,529	-1.0%	\$ (717,979)
Real Estate and Other Taxes	10,596,904	10,329,000	10,305,000	-0.2%	(24,000)
Fees for Service	9,772,627	10,436,850	9,341,310	-10.5%	(1,095,540)
Intergovernmental Revenue	1,500,991	1,592,287	1,836,027	15.3%	243,740
Other Revenue	1,407,583	1,175,200	1,094,350	-6.9%	(80,850)
Appropriation of Prior Year Reserves	80,000	708,752	-	-100.0%	(708,752)
Total Operating Revenue	\$ 95,000,496	\$ 97,016,597	\$ 94,633,216	-2.5%	\$ (2,383,381)

Revenue By Type

	* as amended		** as proposed	
REVENUE/OTHER FUNDING SOURCES	2020	% OF	2021	% OF
REVEROE/OTHER FORDING SOURCES	* BUDGET	2020 BUDGET	** BUDGET	2021 BUDGET
Utility Sales	\$ 72,774,508	75.0%	\$ 72,056,529	76.1%
Property Tax	7,979,000	8.2%	8,405,000	8.9%
Realty Transfer Tax	1,600,000	1.6%	1,450,000	1.5%
Lodging Tax	750,000	0.8%	450,000	0.5%
Fees for Service	10,436,850	10.8%	9,341,310	9.9%
Intergovernmental Revenue	1,592,287	1.6%	1,836,027	1.9%
Other Revenue	1,175,200	1.2%	1,094,350	1.2%
Appropriation of Prior Year Reserves	708,752	0.7%	-	0.0%
TOTAL REVENUE/OTHER FUNDING SOURCES	\$ 97,016,597	100.0%	\$ 94,633,216	100.0%





Revenue Budget at a Glance – Summary

In-City, Residential Customer Scenario

Utility/Tax	2020	2021	Cı	2020 ustomer Charge	Cı	2021 ustomer Charge	Comments				
Electric	no change	no change	\$	10.00	\$	10.00	No change in electric rate. Add "Opt- Out" program in 2021				
Stormwater	varies on Tiers	varies on Tiers					No rate change in 2021 proposed				
Water (0-3174 gallons)	\$ 7.1400	\$ 7.1400	.	0.66	¢	2 24	Rate is per 1,000 gallons. Hold consumption rate, adjust customer service charge to cover new debt service from 2018 Referedum				
Water (>3174 gallons)	\$ 9.0900	\$ 9.0900	\$	0.66	\$	\$	\$	Ş	\$	\$ 2.31	Rate is per 1,000 gallons. Hold consumption rate, adjust customer service charge to cover new debt service from 2018 Referedum
Sewer	\$ 8.5920	\$ 8.5920	\$	0.27	\$	0.66	Rate is per 1,000 gallons. Hold consumption rate, adjust customer service charge to cover new debt service from 2018 Referedum				
Property Tax	\$ 0.9120	\$ 0.9120					No change from 2020				



City of Newark 2021 General Fund



Property Taxes

Utility transfers to the Governmental Funds continue into 2021 totaling \$16.2M.

то:	TRANSFER IN:
General Fund	\$ 14,603,667
Law Enforcement Fund	2,927
Special Parks Fund	12,900
Transportation Fund (Unicity)	125,578
Debt Service Fund	252,383
Capital Fund	312,661
Self-Insurance Fund	218,000
ОРЕВ	662,300
Internal Services Fund	10,000
Total Transfer to Governmental Funds:	\$ 16,200,416

- \$16.2M = Transfer amount is equal to over 27,000 homes added to the tax base without increasing the footprint or increasing the services of the City.
- This is a reduction of \$300,000 from the 2020 Approved Operating Budget (-1.8%)



Property Taxes

Reliance on utility transfers to the Governmental Funds continue into 2021 totaling \$16.2M.

- Proposed tax rate of \$0.9120 per \$100 of Assessed Value (AV) no change from 2020
- Median tax bill today is \$611.04
 - One penny is equal to a 1.1% increase, or \$6.70/year (\$0.56/month)

Percentile	As	sessment	Tax Bill	On	e Penny Increase (Annual)	On	ne Penny Increase (Month)
25th	\$	48,800	\$ 445.06	\$	4.90	\$	0.41
50th (median)	\$	67,000	\$ 611.04	\$	6.72	\$	0.56
75th	\$	88,100	\$ 803.47	\$	8.84	\$	0.74

- 9% of residential properties pay less than the cost of trash service
- 9% (642) of all residential properties hold a senior or disabled exemption
 - 47 properties pay \$0
 - 91 pay less than \$100
 - Senior/Disabled average is \$276
 - Exemption maximum is up to \$50,000



		*	as amended	**	as proposed			
GENERAL FUND SOURCES OF REVENUE	2021 % OF		2020		2021	% FROM		\$ FROM
GENERAL FOIND SOURCES OF REVENUE	GENERAL FUND		* BUDGET	*	* BUDGET	2020 BUDGET	2	020 BUDGET
Property Taxes	25.8%	\$	7,504,000	\$	7,980,000	6.3%	\$	476,000
Franchise Tax	1.4%		475,000		425,000	-10.5%		(50,000)
Lodging Tax	1.5%		750,000		450,000	-40.0%		(300,000)
Realty Transfer Tax	4.7%		1,600,000		1,450,000	-9.4%		(150,000)
Fees for Service	13.8%		5,155,315		4,263,300	-17.3%		(892,015)
UD Subvention	1.7%		525,575		525,575	0.0%		-
SRO - School District	0.6%		133,600		183,600	37.4%		50,000
Other	3.4%		687,220		1,053,600	53.3%		366,380
Use of Reserves	0.0%		708,752		-	-100.0%		(708,752)
Utility Transfer	47.2%		13,038,518		14,603,667	12.0%		1,565,149
TOTAL REVENUE	100.0%	\$	30,577,980	\$	30,934,742	1.2%	\$	356,762

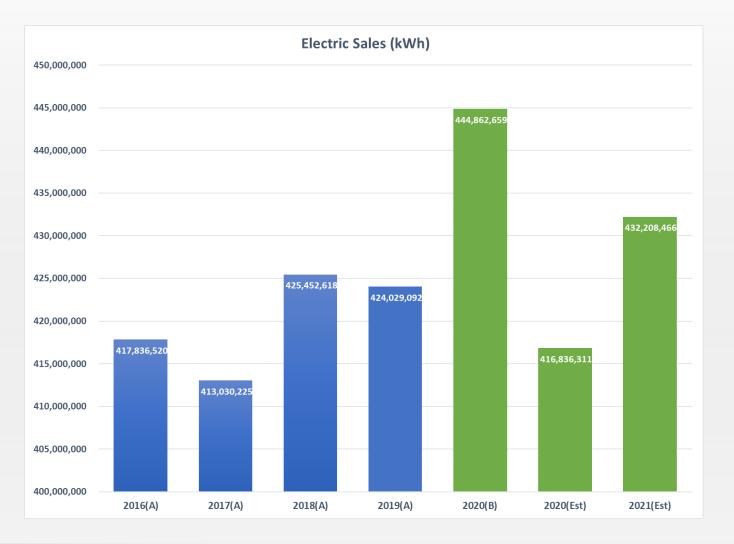
		* as amended	** as proposed			
GENERAL FUND OPERATING EXPENSES	2021 % OF	2020	2021	% FROM	,	FROM
GENERAL FORD OF ENATING EXPENSES	GENERAL FUND	* BUDGET	** BUDGET	2020 BUDGET	20	20 BUDGET
		4				
Personnel Services	83.7%	\$ 25,222,03	5 \$ 25,774,198	2.2%	\$	552,163
Materials and Supplies	2.3%	797,712	714,520	-10.4%		(83,192)
Contractual Services	18.3%	5,777,26	5,647,312	-2.2%		(129,952)
Equipment Depreciation	2.8%	1,015,37	849,949	-16.3%		(165,426)
Other Expenses	1.1%	442,006	326,801	-26.1%		(115,205)
Inter-Department Charges	-8.1%	(2,620,702	2) (2,505,562)	-4.4%		115,140
TOTAL OPERATING EXPENSES	100.0%	\$ 30,633,690	\$ 30,807,218	0.6%	\$	173,528

City of Newark 2021 Enterprise Funds



Electric Utility

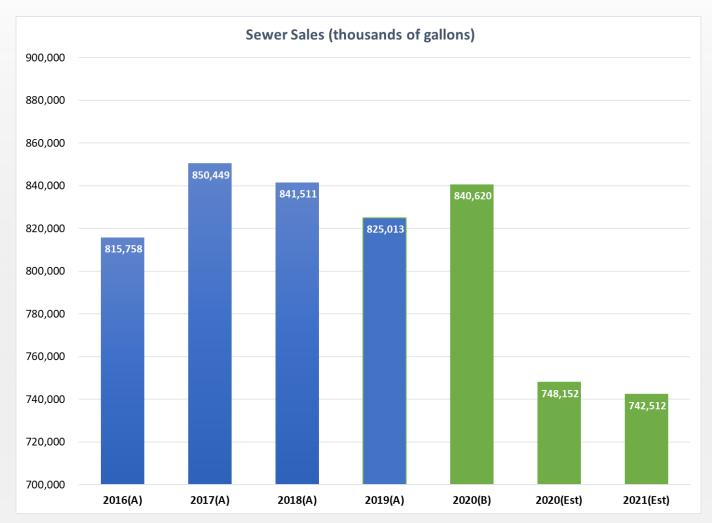
- Estimated loss in 2020 is \$3.3M (Covid-19)
- Some Electric growth:
 - UD Whitney Complex (9/20)
 - UD Worrilow Hall (9/20)
 - STAR Campus (Chemours & Biopharm/NIMBL)
- Overall sales revenue increase of 1.1%, or \$582K over 2020 budget, projected kwh volume down 2.8%
- Wholesale power cost level for 2021 (tbd)
- RSA 2021 (March)
- Electric rate study was paused
- Est. sales revenue is \$54.1M in 2021
- No rate increase proposed





Sewer Utility

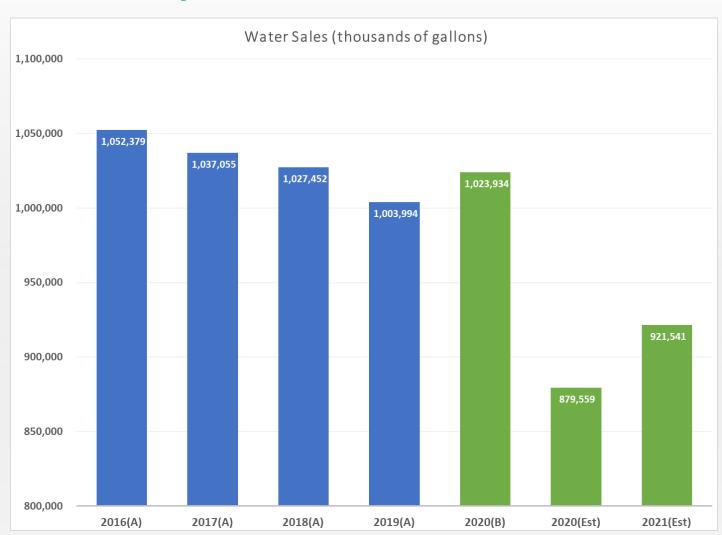
- Estimated 2020 revenue loss is \$827K due to Covid-19
- Loss of UD and commercial sales
- New construction at STAR has added sales
- Staff recommends a customer service charge adjustment in 2021 to cover SRL debt approved during 2018 Referendum
 - \$50,000 adjustment included in the 2021 revenue budget
- Continued utilization of SRL program for sewer projects, offsets the immediate need to raise fees/rates for long-term infrastructure projects
- Consumption estimated to be down 12%, revenue down 8.8% in 2021





Water Utility

- Water sales had averaged just over 1 billion gallons annually through 2019
- Anticipated loss of water sales = loss of revenue needed to fund City operations (about \$1.3 million in 2020 from sales)
- Small customer growth: 52 new customers in 2020 (10,380)
- Loss of UD and commercial sales due to Covid-19
- Most of STAR is in Suez territory (not a water customer)
- Staff recommends small customer service charge adjustment in 2021 to cover SRL debt (approved via 2018 Referendum) = \$289,000 included in Revenue
- Continued to use SRL program for water projects
- Water revenue is down \$665K (-8.8%), volume is down 10% from 2020 Budget





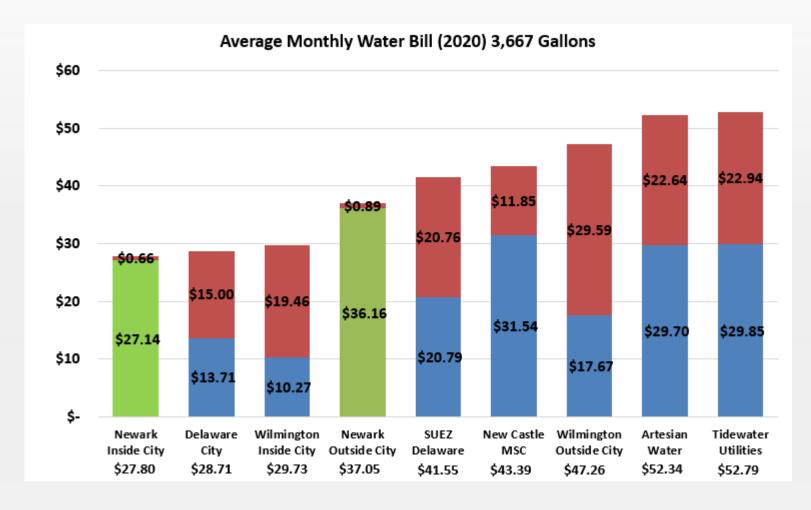
Water Utility Comparisons (Based on 3,667 gallons/month)

Utility	Customer Charge	Consumption	Average Monthly Water Bill	Monthly \$/1000 gal	
Newark Inside City	\$0.66	\$27.14	\$ 27.80	\$7.58	2%
Delaware City	\$15.00	\$13.71	\$ 28.71	\$7.83	52%
Wilmington Inside City	\$19.46	\$10.27	\$ 29.73	\$8.11	65%
Newark Outside City	\$0.89	\$36.16	\$ 37.05	\$10.10	2%
SUEZ Delaware	\$20.76	\$20.79	\$ 41.55	\$11.33	50%
New Castle MSC	\$11.85	\$31.54	\$ 43.39	\$11.83	27%
Wilmington Outside City	\$29.59	\$17.67	\$ 47.26	\$12.89	63%
Artesian Water Company	\$22.64	\$29.70	\$ 52.34	\$14.27	43%
Tidewater Utilities	\$22.94	\$29.85	\$ 52.79	\$14.40	43%
Average (excluding Newark)	\$17.78	\$19.19	\$36.97	\$10.08	43%

- The September 2020 study by UD's Water Resource Center, listed Newark's water rates as the lowest in the area
- 2020 average monthly residential bill (excluding Newark customers) was \$36.97 per month
- Average rates are 33% higher than the in-City rate
- Staff proposal would increase the in-City bill by \$1.65 and outside-City bill by \$2.23



Water Utility Comparisons (Based on 3,667 gallons/month)



- Red bars represent fixed portion of bills
- Less than 2% of the average water bill is related to a customer charge for City of Newark customers (\$.66 in-City/\$.89 outside-City)
- Surrounding water utilities' fixed charges range between \$11.85 and \$29.59 per month
- Average customer charge (excluding Newark) is \$17.78, or 43% of the average residential water bill



City of Newark 2021 Capital Budget Recommendation



Goals of the CIP

Projects will seek to advance Newark's vision elements

- Healthy & Active Community
- Sustainable Community
- Inclusive Community

Maintain and enhance the City's physical framework

- Streets and Sidewalks
- Parks and Parking Facilities
- Municipal & Police Facilities
- Utility infrastructure

Support the provision of services to the City's residents

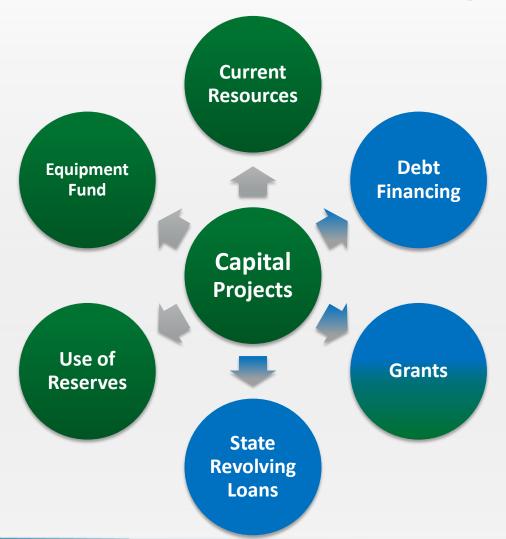
• Maintain the City's core services and functions

Ensure the financial strength of the City via prudent investments and decision making

- Conservative use of Capital Reserves
- Revenue requirements must be met
- Cost recovery must be fair and equitable



Diversified CIP Funding

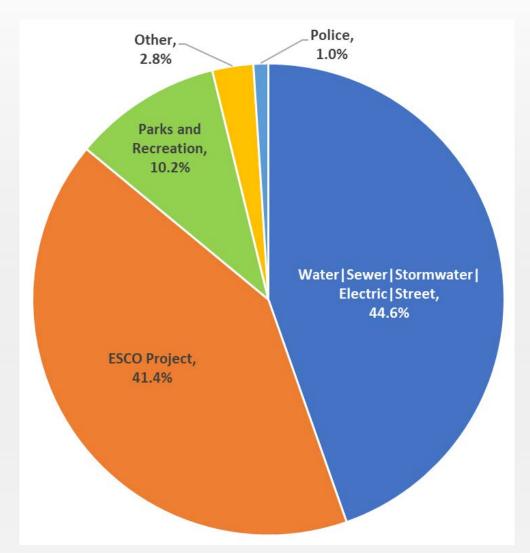


2021 CIP Requested/Funding Sources:

	2020 BUDGET	202 RESERVES AND	CURRENT	2024		POSED BUD		2025	TOTAL PROPOSED
	AS AMENDED	OTHER FUNDING	FUNDING	2021	2022	2023	2024	2025	AMOUNTS
ELECTRIC FUND	\$ 1,481,606	\$ 131,281	\$ 538,719	\$ 670,000	\$ 1,950,000	\$ 3,288,000	\$ 16,215,000	\$ 715,000	\$ 22,838,000
WATER FUND	5,033,396	4,181,030	453,989	4,635,019	3,994,000	1,854,000	3,175,000	1,535,000	15,193,019
SEWER FUND	1,000,000	800,000	-	800,000	2,050,000	1,000,000	1,350,000	1,000,000	6,200,000
STORMWATER FUND	6,543,406	2,151,593	44,511	2,196,104	625,000	645,000	885,000	725,000	5,076,104
PUBLIC WORKS DEPARTMENT - GENERAL FUND DIVISIONS	1,747,448	2,128,009	100,155	2,228,164	2,425,680	2,892,184	3,060,743	3,185,743	13,792,514
POLICE DEPARTMENT	605,964	125,772	107,506	233,278	346,090	687,065	684,593	153,355	2,104,381
PARKS AND RECREATION DEPARTMENT	2,688,954	2,250,788	85,000	2,335,788	639,275	926,000	1,047,000	885,000	5,833,063
PARKING FUND	343,391	32,459	123,741	156,200	-	-	40,000	-	196,200
INFORMATION TECHNOLOGY DIVISION	32,500	17,700	55,000	72,700	365,000	-	-	-	437,700
MAINTENANCE FUND	1,228,000	9,489,295	10,000	9,499,295	165,000	295,000	730,000	55,000	10,744,295
OTHER DEPARTMENTS/DIVISIONS	20,000	130,000		130,000	50,000	35,000	150,000		365,000
GROSS CAPITAL IMPROVEMENTS	\$ 20,724,665	\$ 21,437,927	\$ 1,518,621	\$ 22,956,548	\$ 12,610,045	\$ 11,622,249	\$ 27,337,336	\$ 8,254,098	\$ 82,780,276
PLANNED FINANCING SOURCES	2020	202	21	2021	2022	2023	2024	2025	TOTAL
GROSS CAPITAL IMPROVEMENTS	\$ 20,724,665	\$ 21,437,927	\$ 1,518,621	\$ 22,956,548	\$ 12,610,045	\$ 11,622,249	\$ 27,337,336	\$ 8,254,098	\$ 82,780,276
LESS: USE OF RESERVES	(654,726)	(1,450,168)	-	(1,450,168)	(485,963)	(2,001,532)	(35,927)	-	(3,973,590)
VEHICLE & EQUIPMENT REPLACEMENT	(730,778)	(614,497)	-	(614,497)	(1,161,088)	(1,365,550)	(1,530,160)	(1,172,344)	(5,843,639)
GRANTS	(2,268,076)	(3,813,409)	-	(3,813,409)	(751,343)	(819,743)	(759,816)	(645,743)	(6,790,054)
BOND ISSUES	(767,947)	(646,888)	-	(646,888)	(403,178)	(281,000)	(15,832,000)	(190,000)	(17,353,066)
STATE REVOLVING LOANS	(11,360,048)	(6,007,000)	-	(6,007,000)	(4,725,000)	-	-	-	(10,732,000)
OTHER FINANCING SOURCES	(1,754,530)	(8,905,965)		(8,905,965)	(180,000)	(180,000)	(180,000)	(180,000)	(9,625,965)
NET CAPITAL IMPROVEMENTS	\$ 3,188,560	<u>\$ -</u>	\$ 1,518,621	\$ 1,518,621	\$ 4,903,473	\$ 6,974,424	\$ 8,999,433	\$ 6,066,011	\$ 28,461,962



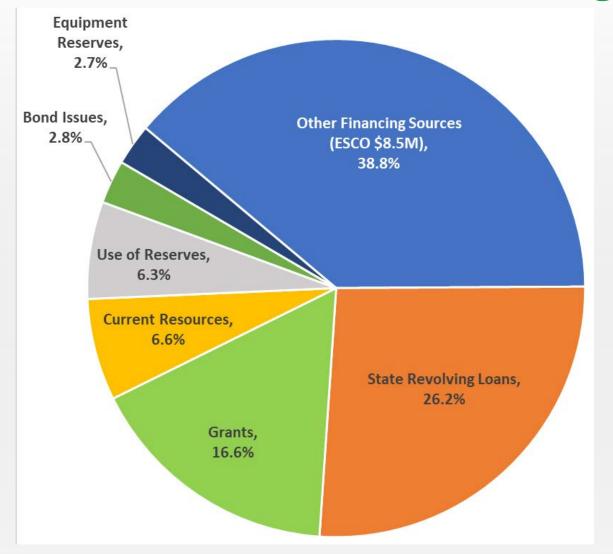
2021 Gross Capital Expenditures by Department



DEPARTMENT / DIVISION	2021 BUDGET	% OF 2021 BUDGET
Maintenance Fund (ESCO)	\$ 9,499,295	41.4%
Water	4,635,019	20.2%
Parks and Recreation	2,335,788	10.2%
Stormwater	2,196,104	9.6%
Street Program	1,942,474	8.5%
Sewer	800,000	3.5%
Electric	670,000	2.9%
Refuse	285,690	1.2%
Police	233,278	1.0%
Parking	156,200	0.7%
Other Departments/Divisions	130,000	0.6%
Information Technology	72,700	0.3%
Grand Total:	\$ 22,956,548	100.0%
DEPARTMENT / DIVISION		
Water Sewer Stormwater Electric Street	\$ 10,243,597	44.6%
ESCO Project	9,499,295	41.4%
Parks and Recreation	2,335,788	10.2%
Other	644,590	2.8%
Police	233,278	1.0%
Grand Total:	\$ 22,956,548	100.0%



2021 Funding Sources for CIP



DEPARTMENT / DIVISION	2021	% OF 2021
DEFACTIVIERT / DIVISION	BUDGET	BUDGET
Other Financing Sources (ESCO \$8.5M)	\$ 8,905,965	38.8%
State Revolving Loans	6,007,000	26.2%
Grants	3,813,409	16.6%
Current Resources	1,518,621	6.6%
Use of Reserves	1,450,168	6.3%
Bond Issues	646,888	2.8%
Equipment Reserves	614,497	2.7%
	A 22 255 542	400.00/
Grand Total:	\$ 22,956,548	100.0%

DEPARTMENT / DIVISION	% OF 2020	% OF 2021
DEFAIRMENT / DIVISION	BUDGET	BUDGET
Other Financing Sources (ESCO \$8.5M)	8.5%	38.8%
State Revolving Loans	54.8%	26.2%
Grants	10.9%	16.6%
Current Resources	15.4%	6.6%
Use of Reserves	3.2%	6.3%
Bond Issues	3.7%	2.8%
Equipment Reserves	3.5%	2.7%
Grand Total:	100.0%	100.0%



2021-2025 Recommended CIP

New Funding:

*Prior Authorized Balance: 2021-2025 Funding:

		F	U	N	DING	S	UMMA	R	Υ
2021		2022			2023		2024		
\$ 15,543,143	Ī	\$ 11,753,611		\$	9,557,077	\$	27,337,336		\$
\$ 7,413,405		\$ 856,434		\$	2,065,172	\$	-		\$
\$ 22,956,548	ı	\$ 12,610,045		\$	11,622,249	\$	27,337,336		\$

*Prior Authorized Balance includes 2020 carryover funding only.

	2020	202	21										TOTAL
	BUDGET	RESERVES AND	CURRENT			PRO	POSEI	D BUD	GETS				PROPOSED
	AS AMENDED	OTHER FUNDING	FUNDING	2021		2022	20	023	2024			2025	AMOUNTS
ELECTRIC FUND	\$ 1,481,606	\$ 131,281	\$ 538,719	\$ 670,000	\$	1,950,000	\$ 3	,288,000	\$ 16,21	5 000	\$	715,000	\$ 22,838,000
WATER FUND	5,033,396	4,181,030	453,989	4,635,019	Ψ	3,994,000		,854,000		5,000	Ÿ	1,535,000	15,193,019
SEWER FUND	1,000,000	800,000	-	800,000		2,050,000		,000,000	,	0,000		1,000,000	6,200,000
STORMWATER FUND	6,543,406	2,151,593	44,511	2,196,104		625,000		645,000	88	5,000		725,000	5,076,104
PUBLIC WORKS DEPARTMENT - GENERAL FUND DIVISIONS	1,747,448	2,128,009	100,155	2,228,164		2,425,680	2	,892,184	3,06),743		3,185,743	13,792,514
POLICE DEPARTMENT	605,964	125,772	107,506	233,278		346,090		687,065	68	1,593		153,355	2,104,381
PARKS AND RECREATION DEPARTMENT	2,688,954	2,250,788	85,000	2,335,788		639,275		926,000	1,04	7,000		885,000	5,833,063
PARKING FUND	343,391	32,459	123,741	156,200		-		-	4	0,000		-	196,200
INFORMATION TECHNOLOGY DIVISION	32,500	17,700	55,000	72,700		365,000		-		-		-	437,700
MAINTENANCE FUND	1,228,000	9,489,295	10,000	9,499,295		165,000		295,000	73	0,000		55,000	10,744,295
OTHER DEPARTMENTS/DIVISIONS	20,000	130,000		130,000		50,000		35,000	15	0,000		-	365,000
GROSS CAPITAL IMPROVEMENTS	\$ 20,724,665	\$ 21,437,927	\$ 1,518,621	\$ 22,956,548	\$	12,610,045	\$ 11	,622,249	\$ 27,33	7,336	\$	8,254,098	\$ 82,780,276

2025

8,254,098

8,254,098

Total 5 Year

\$ 72,445,265

\$ 10,335,011

\$ 82,780,276

2021-2025 Recommended – Financing Sources

		*RESERVES/OTHER	*CURRENT	 								
PLANNED FINANCING SOURCES	2020	20	21		2021	2022	2	2023		2024	2025	TOTAL
GROSS CAPITAL IMPROVEMENTS	\$ 20,724,665	\$ 21,437,927	\$ 1,518,621	\$	22,956,548	\$ 12,61	.0,045	\$ 11,622	,249	\$ 27,337,336	\$ 8,254,098	\$ 82,780,276
LESS: USE OF RESERVES	(654,726)	(1,450,168)	-		(1,450,168)	(48	5,963)	(2,001	,532)	(35,927)	-	(3,973,590)
VEHICLE & EQUIPMENT REPLACEMENT	(730,778)	(614,497)	-		(614,497)	(1,16	1,088)	(1,365	,550)	(1,530,160)	(1,172,344)	(5,843,639)
GRANTS	(2,268,076)	(3,813,409)	-		(3,813,409)	(75	1,343)	(819	,743)	(759,816)	(645,743)	(6,790,054)
BOND ISSUES	(767,947)	(646,888)	-		(646,888)	(40	3,178)	(281	,000)	(15,832,000)	(190,000)	(17,353,066)
STATE REVOLVING LOANS	(11,360,048)	(6,007,000)	-		(6,007,000)	(4,72	5,000)		-	-	-	(10,732,000)
OTHER FINANCING SOURCES	(1,754,530)	(8,905,965)			(8,905,965)	(18	0,000)	(180	,000)	 (180,000)	 (180,000)	 (9,625,965)
NET CAPITAL IMPROVEMENTS	\$ 3,188,560	<u>\$</u> -	\$ 1,518,621	\$	1,518,621	\$ 4,90	3,473	\$ 6,974	,424	\$ 8,999,433	\$ 6,066,011	\$ 28,461,962

City utilizes a variety of sources to fund capital projects

- \$3.6M (15.6%) of 2021 CIP will be funded via City funds
- \$38.3M (46.2%) of 5-year CIP will be funded via City funds
- Continued reliance on the State Revolving Loan Program and grant funding



Alternative Revenue Scenarios



Water - Customer Charge Scenarios

		2020	2021		2021		2021 Proposed		2021 Proposed		2021
		2020	Proposed 10/05		Proposed 10%		20%		25%		Proposed 43%
% Fixed through Customer Charge		1.3%	4.65%		14.65%		24.65%		29.65%		47.65%
Existing Customer Charge:	\$	115,000	\$ 115,000	\$	404,000	\$	404,000	\$	404,000	\$	404,000
New Customer Charge:	\$	-	\$ 289,000	N .	868,900		1,737,800		2,172,250		3,736,270
Revenue to be recovered by fixed charges:		115,000	\$ 404,000		1,272,900	-	2,141,800	-	2,576,250	-	4,140,270
Annual Fixed fee for 5/8" equivalent	\$	7.92	\$ 27.72	\$	87.31	\$	146.88	\$	176.76	\$	283.92
Monthly Fixed fee for 5/8" equivalent	\$	0.66	\$ 2.31	\$	7.28	\$	12.24	\$	14.73	\$	23.66
Volumetric Rate Reduction:		0%	0%		-10.0%		-20.0%		-25.0%		-43.00%
In City Rate, first 3.174 gallons	\$	7.14	\$ 7.14	\$	6.43	\$	5.71	\$	5.36	\$	4.07
In City Rate, after 3,174 gallons	\$	9.09	\$ 9.09	\$	8.18	\$	7.28	\$	6.82	\$	5.18
Out of City Rate, first 3.174 gallons	\$	9.48	\$ 9.48	\$	8.53	\$	7.59	\$	7.11	\$	5.40
Out of City Rate, after 3,174 gallons	\$	12.31	\$ 12.31	\$	11.07	\$	9.84	\$	9.23	\$	7.01
Average Residential User (3667 gallons)											
Customer Charge	\$	0.66	\$ 2.31	\$	7.28	\$	12.24	\$	14.73	\$	23.66
Consumption	\$	27.14	\$ 27.14	\$	24.43	\$	21.72	\$	20.35	\$	15.48
Total Bill	\$	27.80	\$ 29.45	\$	31.71	\$	33.96	\$	35.08	\$	39.14
Average Residential Impact/Month (3667 gall	ons) \$:	\$ 1.65	\$	3.91	\$	6.16	\$	7.28	\$	11.34
Average Residential Impact/Month (3667 gall	ons) %:	5.9%		14.1%		22.2%		26.2%		40.8%

- Green column represents staff recommendation to recover referendum debt service via customer charge (4.65% of total revenue request)
- During 10/5 hearing Council requested additional, revenue neutral customer charge options which are also shown here
- Customer charge would be between 10% to 43% to established a fixed level of revenue based on other water utilities
- Debt service from 2018 Referendum (\$404,000) is set in the base
- Water volumetric rates would be decreased by 10% to 43%, depending on the proposal accepted



Water – Customer Charge

	Current	2021 Proposed 10/05	2021 Proposed 10%	2021 Proposed 20%	2021 Proposed 25%	2021 Proposed 43%
Customer Charge Revenue	\$ 115,000	\$ 404,000	\$ 1,272,900	\$ 2,141,800	\$ 2,576,250	\$ 4,140,270
Consumption Revenue	\$ 8,574,000	\$ 8,285,000	\$ 7,416,100	\$ 6,547,200	\$ 6,112,750	\$ 4,548,730
Total Budgeted Revenue	\$ 8,689,000	\$ 8,689,000	\$ 8,689,000	\$ 8,689,000	\$ 8,689,000	\$ 8,689,000
Revenue Shift	\$ -	\$ -	\$ 868,900	\$ 1,737,800	\$ 2,172,250	\$ 3,736,270
% Consumption Charge	99%	95%	85%	75%	70%	52%
% Customer Charge	1%	5%	15%	25%	30%	48%

- Adjusting the customer charge would stabilize the water fund
- Only 1% of the revenue (\$115,000) is generated through customer charges



Water – Customer Charge Net Impact

MONTHLY BILL

Gallons	2020	2021 Proposed 10/05	2021 Proposed 10%	2021 Proposed 20%	2021 Proposed 25%	2021 Proposed 43%
No Consumption	\$ 0.66	\$ 2.31	\$ 7.28	\$ 12.24	\$ 14.73	\$ 23.66
3,174	\$ 23.32	\$ 24.97	\$ 27.67	\$ 30.37	\$ 31.72	\$ 36.58
3,667	\$ 27.80	\$ 29.45	\$ 31.71	\$ 33.96	\$ 35.08	\$ 39.14
5,000	\$ 39.93	\$ 41.58	\$ 42.62	\$ 43.66	\$ 44.18	\$ 46.05
10,000	\$ 85.40	\$ 87.05	\$ 83.54	\$ 80.03	\$ 78.28	\$ 71.97

MONTHLY DIFFERENTIAL

		2021	2021	2021	2021	2021
Bill Differential	2020	Proposed	Proposed	Proposed	Proposed	Proposed
		10/05	10%	20%	25%	43%
No Consumption		\$ 1.65	\$ 6.62	\$ 11.58	\$ 14.07	\$ 23.00
3,174		\$ 1.65	\$ 4.35	\$ 7.05	\$ 8.40	\$ 13.26
3,667		\$ 1.65	\$ 3.91	\$ 6.16	\$ 7.28	\$ 11.34
5,000		\$ 1.65	\$ 2.69	\$ 3.73	\$ 4.25	\$ 6.12
10,000		\$ 1.65	\$ (1.86)	\$ (5.37)	\$ (7.12)	\$ (13.43)
Volumetric Rate Change:	0%	0%	-10.0%	-20.0%	-25.0%	-43.0%

- The addition of customer charges beyond what is needed to cover the debt service from the 2018 Referendum would be offset by a decrease in the volumetric rates four of the five options
- For example, a \$7.28 customer charge for a residential customer, would be offset by a 10% reduction in their volumetric rate (2021 Proposed 10% scenario)



						In	Cit	ty						
Meter Size	Customers	% of Total		Current	20	21 Proposed 10/05	2	021 Proposed 10%	2	2021 Proposed 20%		2021 Proposed 25%	20	21 Proposed 43%
5/8"	7,428	93.7%	Ś	0.66	\$	2.31	\$		\$	12.24	Ś	14.73	Ś	23.66
3/4"	68	0.9%	•	0.92	\$	3.23	\$	10.19	\$		\$		\$	33.13
1"	194	2.4%	\$	1.45	\$	5.08	\$	16.01	\$	26.93	\$	32.40	\$	52.06
1 1/2"	131	1.7%	\$	4.60	\$	16.16	\$	50.93	\$	85.69	\$	103.08	\$	165.65
2"	74	0.9%	\$	5.92	\$	20.78	\$	65.48	\$	110.18	\$	132.53	\$	212.98
3"	19	0.2%	\$	14.46	\$	50.80	\$	160.06	\$	269.32	\$	323.95	\$	520.62
4"	8	0.1%	\$	26.29	\$	92.37	\$	291.02	\$	489.68	\$	589.01	\$	946.59
6"	6	0.1%	\$	59.16	\$	207.82	\$	654.80	\$	1,101.77	\$	1,325.26	\$	2,129.82
8"	-	0.0%	\$	92.02	\$	323.28	\$	1,018.58	\$	1,713.87	\$	2,061.52	\$	3,313.05
	7,928	100.0%	\$	85,274	\$	299,571	\$	943,871	\$	1,588,171	\$	1,910,322	\$	3,070,062

Outside City														
Meter Size	Customers	% of Total		Current	20	21 Proposed	2	021 Proposed	2	2021 Proposed		2021 Proposed	20	21 Proposed
Wicter Size	customers	70 01 10tai		Current		10/05		10%		20%		25%		43%
5/8"	2,066	93.1%	\$	0.89	\$	3.12	\$	9.82	\$	16.53	\$	19.88	\$	31.95
3/4"	23	1.0%	\$	1.24	\$	4.36	\$	13.75	\$	23.14	\$	27.83	\$	44.73
1"	97	4.4%	\$	1.95	\$	6.86	\$	21.61	\$	36.36	\$	43.73	\$	70.28
1 1/2"	13	0.6%	\$	6.21	\$	21.82	\$	68.75	\$	115.69	\$	139.15	\$	223.63
2"	13	0.6%	\$	7.99	\$	28.06	\$	88.40	\$	148.74	\$	178.91	\$	287.53
3"	6	0.3%	\$	19.52	\$	68.58	\$	216.08	\$	363.59	\$	437.34	\$	702.84
4"	-	0.0%	\$	35.49	\$	124.69	\$	392.88	\$	661.06	\$	795.16	\$	1,277.89
6"	-	0.0%	\$	79.86	\$	280.56	\$	883.98	\$	1,487.40	\$	1,789.10	\$	2,875.25
8"	1	0.0%	\$	124.23	\$	436.43	\$	1,375.08	\$	2,313.73	\$	2,783.05	\$	4,472.62
	2,219	100.0%	\$	29,726	\$	104,429	\$	329,029	\$	553,629	\$	665,928	\$	1,070,208
Total Custo	mer Charge R	Revenue:	\$	115,000	\$	404,000	\$	1,272,900	\$	2,141,800	\$	2,576,250	\$	4,140,270
Volumetric Rate Reduction: 0.0%				0.0%		-10.0%		-20.0%		-25.0%		-43.0%		

- This slide reflects the proposed customer charges for every meter size
- 5/8" meters represent 94% of all water accounts, but 70% of the customer charge
- Customer charge proposals of 20% or larger, will also include a volumetric rate reduction



Sewer - Customer Charge Scenarios

		2020	2	2021 Proposed 10/05		021 Proposed 10%	2	021 Proposed 20%	2	021 Proposed 25%	2021 Proposed 43%
% Fixed through Customer Charge		0.5%		1.2%		11.2%		21.2%		26.2%	44.2%
Existing Customer Charge:	\$	35,000	\$	35,000	\$	85,000	\$	85,000	\$	85,000	\$ 85,000
New Customer Charge:	\$	-	\$	50,000	\$	685,000	\$	1,370,000	\$	1,712,500	\$ 2,945,500
Revenue to be recovered by fixed charges:	\$	35,000	\$	85,000	\$	770,000	\$	1,455,000	\$	1,797,500	\$ 3,030,500
Annual Fixed fee for 5/8" equivalent	\$	3.24	\$	7.92	\$	71.28	\$	134.64	\$	166.32	\$ 280.32
Monthly Fixed fee for 5/8" equivalent	\$	0.27	\$	0.66	\$	5.94	\$	11.22	\$	13.86	\$ 23.36
Volumetric Rate Reduction:		0%		0%		-10%		-20%		-25%	-43%
Flow	\$	7.19730	\$	7.19730	\$	6.47760	\$	5.75786	\$	5.39800	\$ 4.10250
BOD	\$	0.41681	\$	0.41681	\$	0.41681	\$	0.41681	\$	0.41681	\$ 0.41681
SS	\$	0.56604	\$	0.56604	\$	0.56604	\$	0.56604	\$	0.56604	\$ 0.56604
Volumetric Blended Rate:											
Flow	\$	7.20	\$	7.20	\$	6.48	\$	5.76	\$	5.40	\$ 4.10
BOD	\$	0.52	\$	0.52	\$	0.52	\$	0.52	\$	0.52	\$ 0.52
SS	\$	0.87	\$	0.87	\$	0.87	\$	0.87	\$	0.87	\$ 0.87
Blended Rate Total	\$	8.592	\$	8.592	\$	7.872	\$	7.153	\$	6.793	\$ 5.497
Average Residential User (3667 gallons)											
Consumption	\$	31.51	\$	31.51	\$	28.87	\$	26.23	\$	24.90	\$ 20.16
Customer Charge	\$	0.27	\$	0.66	\$	5.94	\$	11.22	\$	13.86	\$ 23.36
Total Bill	\$	31.78	\$	32.17	\$	34.81	\$	37.45	\$	38.76	\$ 43.52
					,						
Average Residential Impact/Month (3667 gal		•	\$	0.39	\$	3.03	\$	5.67	\$		\$ 11.74
Average Residential Impact/Month (3667 gal	lons	s) %:		1.2%		9.5%		17.8%		22.0%	36.9%

- Green column represents staff recommendation to recover referendum debt service via customer charge
- During 10/5 hearing Council requested additional, revenue neutral customer charge options which are also shown here
- Volumetric rate would decrease by the proportional amount of the customer charge for proposals from 10% to 43% recovery, less debt service from 2018 Referendum (\$85,000)
- Sewer volumetric rates would be decreased by 10% and 43%, depending on the proposal accepted



Sewer - Customer Charge

	2020	2021 Proposed 10/05	2021 Proposed 10%	2021 Proposed 20%	2021 Proposed 25%	2021 Proposed 43%
Customer Charge Revenue	\$ 35,000	\$ 85,000	\$ 770,000	\$1,455,000	\$ 1,797,500	\$3,030,500
Consumption Revenue	\$ 6,815,000	\$ 6,765,000	\$ 6,080,000	\$5,395,000	\$ 5,052,500	\$3,819,500
Total Budgeted Revenue	\$ 6,850,000	\$ 6,850,000	\$ 6,850,000	\$6,850,000	\$ 6,850,000	\$6,850,000
Revenue Shift	\$ -	\$ -	\$ 685,000	\$1,370,000	\$ 1,712,500	\$2,945,500
% Consumption Charge	99%	99%	89%	79%	74%	56%
% Customer Charge	1%	1%	11%	21%	26%	44%

- Adjusting the customer charge would stabilize the sewer fund
- Only 1% of the revenue (\$35,000) is generated through customer charges



Sewer Utility – Customer Charge

		2021 Proposed	2021 Proposed	2021 Proposed	2021 Proposed	2021 Proposed
Meter Size	2020	10/05	10%	20%	25%	43%
5/8"	\$ 0.27	\$ 0.66	\$ 5.94	\$ 11.22	\$ 13.86	\$ 23.36
3/4"	\$ 0.38	\$ 0.92	\$ 8.31	\$ 15.70	\$ 19.40	\$ 32.70
1"	\$ 0.59	\$ 1.44	\$ 13.06	\$ 24.67	\$ 30.48	\$ 51.39
1 1/2"	\$ 1.89	\$ 4.59	\$ 41.55	\$ 78.51	\$ 96.99	\$ 163.52
2"	\$ 2.43	\$ 5.90	\$ 53.42	\$ 100.94	\$ 124.70	\$ 210.24
3"	\$ 5.94	\$ 14.41	\$ 130.58	\$ 246.74	\$ 304.82	\$ 513.91
4"	\$ 10.79	\$ 26.21	\$ 237.41	\$ 448.62	\$ 554.22	\$ 934.39
6"	\$ 24.28	\$ 58.97	\$ 534.18	\$ 1,009.39	\$ 1,246.99	\$ 2,102.37
8"	\$ 37.77	\$ 91.73	\$ 830.94	\$ 1,570.16	\$ 1,939.77	\$ 3,270.36
Sewer Volumetric Reduction:		0.0%	-10.0%	-20.0%	-25.0%	-43.0%

- The addition of customer charges would be offset by a decrease in the volumetric sewer flow rate.
- For example, a \$5.94
 customer charge for a
 residential customer, would be offset by a 10% reduction in their volumetric rate.
- BOD and SS rates for sewer would not be adjusted.



Sewer – Customer Charge Net Impact

MONTHLY BILL

Gallons		2020	2021 Proposed 10/05		2021 Proposed			2021 Proposed	2	2021 Proposed		2021 Proposed	
Gallotts		2020			10%		20		0%		25%		
No Consumption	\$	0.27	\$	0.66	\$	5.94	\$	11.22	\$	13.86	\$	23.36	
3,174	\$	27.54	\$ 2	27.93	\$	30.93	\$	33.92	\$	35.42	\$	40.81	
3,667	\$	31.78	\$ 3	32.17	\$	34.81	\$	37.45	\$	38.77	\$	43.52	
5,000	\$	43.23	\$ 4	43.62	\$	45.30	\$	46.98	\$	47.82	\$	50.85	
10,000	\$	86.19	\$ 8	36.58	\$	84.66	\$	82.75	\$	81.79	\$	78.33	
Volumetric Rate Change	e:	0%		0%		-10.0%		-20.0%		-25.0%		-43.0%	

MONTHLY DIFFERENTIAL

Gallons	2020	2021 Proposed	2021 Proposed	•	and the second second	2021 Proposed
		10/05	10%	20%	25%	43%
No Consumption		\$ 0.39	\$ 5.67	\$ 10.95	\$ 13.59	\$ 23.09
3,174		\$ 0.39	\$ 3.39	\$ 6.38	\$ 7.88	\$ 13.27
3,667		\$ 0.39	\$ 3.03	\$ 5.67	\$ 6.99	\$ 11.74
5,000		\$ 0.39	\$ 2.07	\$ 3.75	\$ 4.59	\$ 7.62
10,000		\$ 0.39	\$ (1.53)	\$ (3.44)	\$ (4.40)	\$ (7.86)

Council Action

- Approve 2021 Budget
- Customer Charges for Water and Sewer to be included in forthcoming legislation (all options result in same level of revenue)
 - Table below reflects monthly impact on residential accounts
 - Must select one or equivalent:

MONTHLY DIFFERENTIAL												
Bill Differential	2021 Proposed 10/05		2021 Proposed 10%		2021 Proposed 20%		2021 Proposed 25%		2021 Proposed 43%			
Water (5/8")	\$	1.65	\$	3.91	\$	6.16	\$	7.28	\$	11.34		
Sewer (5/8")	\$	0.39	\$	3.03	\$	5.67	\$	6.99	\$	11.74		
Total	\$	2.04	\$	6.94	\$	11.83	\$	14.27	\$	23.08		

Conclusion / Questions



