



SHAKER HEIGHTS

City Council Agenda City Hall Council Chambers Monday, September 9, 2019 at 7:00 pm

DEMOCRACY DAY PUBLIC HEARING

1. Introduction and Purpose of Hearing
 - Mayor David E. Weiss
 - Bruce Ente, Shaker Heights Move to Amend
2. Public Comment
3. Next Steps
 - Post Recording on City Website
 - Letters to State and Federal Legislators

JOINT: COUNCIL WORK SESSION WITH FINANCE AND ADMINISTRATION COMMITTEE

1. Proposed 2020 Budget
 - Mayor David E. Weiss
 - Chief Administrative Officer Jeri E. Chaikin
 - Finance Director Frank J. Brichacek
 - Public Works Director Patricia Speese

Documents:

[2020 BUDGET PROCESS TIMELINE.PDF](#)
[BUDGET ASSUMPTIONS CURRENT.PDF](#)
[GOALS AND STRATEGIES 2020.PDF](#)
[CAPITAL BUDGET.PDF](#)
[CAPITAL BUDGET FUNDED BY GF.PDF](#)
[SUMMARY OF GF REVISIONS.PDF](#)
[CAPITAL BUDGET SOURCES USES.PDF](#)
[10 YEAR CAPITAL BUDGET MASTER.PDF](#)

Public Comment on Proposed 2020 Budget

To request an accommodation for a person with a disability, call the City's ADA Coordinator at 216-491-1440, or Ohio Relay Service at 711 for TTY users.

**2020 Budget Process Timeline
(Revised 9/9/19)**

Date	Meeting	Action
Monday, Aug. 19, 7:00 p.m.	August Work Session	<ol style="list-style-type: none"> 1. Review budget process and timeline. 2. 2019 General Fund Operating Budget – Revenue and expense projections including transfers for 2020 capital. 3. 2020 Budget Assumptions. 4. Updated 10-year capital plan. 5. 2017-2020 Capital Budget comparisons. 6. Discussion of operating and capital priorities. 7. Public input.
Monday, Sep. 9, 7:00 p.m.	September Work Session with Finance and Administration Committee after Democracy Day Hearing	<ol style="list-style-type: none"> 1. Council Feedback on 2020 Budget Assumptions and other feedback from August work session. 2. Review Capital Budget sources/uses for 2020 – 1st cut. 3. Discussion of sewer fees and street lighting assessments. 4. Public input.
Tuesday, Oct. 15, 7:00 p.m.	October Work Session (with Finance and Administration Committee)	<ol style="list-style-type: none"> 1. High level 2020 General Fund Operating Budget presentation. 2. Amended 2019 appropriation ordinance. 3. Public input.
Monday, Oct. 28, 7:00 p.m.	October Council meeting	<ol style="list-style-type: none"> 1. No budget discussion
Friday, Nov. 8		<ol style="list-style-type: none"> 1. 2019 Budget Book distributed and posted on City website.
Monday, Nov. 11, 7:00 p.m.	November Work Session with Finance and Administration Committee. Any new Council members to be in audience.	<ol style="list-style-type: none"> 1. Updated high level 2020 Operating Budget presentation – all funds. 2. Public input.
Monday, Nov. 18, 7:00 p.m.	November Council meeting followed by Work Session with Finance and Administration Committee. Any new Council members to be in audience.	<ol style="list-style-type: none"> 1. Detailed 2020 Capital Budget presentation by directors. 2. Public input.
Monday, Dec. 2, 7:00 p.m.	December Work Session. Any new Council members to be in audience.	<ol style="list-style-type: none"> 1. Final 2020 Operating and Capital Budget presentation. 2. Public input.
Monday, Dec. 16, 7:30 p.m.	December Council meeting. Any new Council members to be in audience.	<ol style="list-style-type: none"> 1. Adoption of final 2020 budget ordinances. 2. Final amendment to 2019 appropriation ordinance

ASSUMPTIONS RE: 2020 ANNUAL OPERATING BUDGET

Current

1. General Fund operating reserve of 25% minimum.
2. General Fund Sewer Fund Annual Subsidy:

Maintenance:	\$502,000
Capital:	\$2,000,000
Debt Service:	<u>\$182,000</u>
Total	\$2,684,000
3. General Fund subsidy of Street Lighting Fund \$265,000/year.
4. General Fund subsidy of \$1,000,000/year to Recreation Fund to supplement fee income.
5. Steady state budgets.
6. COLA at 2.25% for Public Works and Fire union employees per CBA's.
7. Health Care costs at 5% increase.
8. COLA for non-bargaining employees same as union employees; no merit pay.
9. Limited operating budget growth for staffing.
10. Excess revenue over operating expenditures is used to fund next year's capital budget.
11. Very little borrowing for capital.
12. There is a moderate annual operating surplus even after transfer of excess revenue to fund capital budget.
13. N/A.

Administration Recommendation

1. No change.
2. Consider change in sewer assessment for capital and/or operating.
3. Consider change in street lighting assessment for 2021 to eliminate subsidy.
4. Review revenue (fees) and expenses.
5. No change.
6. No change. Police union employees TBD.
7. No change.
8. No change, but consider recommendations for new non-bargaining employee pay and classification plan and new merit pay plan TBD.
9. No change
10. No change.
11. Consider borrowing for sewer capital projects. (See #2.)
12. No change.
13. Consider establishing a new fund to pay for the 27th pay which will occur in 2026.

CITY GOALS AND OPERATING AND CAPITAL PRIORITIES FOR 2020 BUDGET DISCUSSION

1. Effective Cost – Efficient Government

Examples of Current initiatives

- Outsourcing to reduce costs while maintaining or increasing service levels:
 - HHCC joint dispatch center
 - EDGE joint SWAT team
 - Catch basin cleaning
 - *Shaker Life* magazine editorial and writing services
 - Downtown Cleveland Alliance (DCA) Clean and Safe Ambassadors at the Van Aken district
 - City telephone service maintenance
- Parcel-based permitting and code enforcement platform (Citizenserve).
- Internal Green Team.
- U.S. Green Building Council's LEED for cities grant program.

Other Initiatives to be considered

- Non-bargaining employees performance incentive/merit pay plan.
- GIS Staffing & Training.
- Disaster response plan update.
- Better use of MUNIS.
- Document management application.
- Consolidated video surveillance.
- Migrate to Office365.
- Cybersecurity awareness training for all employees.
- City government sustainability:
 - Utilities cost reduction
 - Reduced energy use
 - LED lighting
 - Solar panels
 - Improved recycling in City facilities
 - Planet-friendly supply alternatives (cleaning products, paper supplies, coffee bar/lunchroom amenities)
 - Provide composting at City buildings
 - Provide recycling pick up at Fire Stations
- Renovating City buildings for more efficient deployment of staff: City Hall and former fire station renovation + \$500,000.
- Higher quality City buildings: maintenance and aesthetics.
- Construction Project Manager position in Public Works.
- LED streetlights.
- Video and livestream Council meetings.
- Evaluation of point-of-sale programs and procedures.
- Forward Together Vision Plan – next steps including:
 - City facilities study
 - Explore Community/Recreation Center
 - Invest in Shaker Lakes

- Lee Road Plan
- Explore need for additional athletic fields
- Modernize current facilities and buildings
- Re-imagine Community Building
- Re-imagine Thornton Park
- Improve walkability
- Explore joint funding for facilities
- Mechanism for regular city/schools/library collaboration.
- Bang the Table community engagement tool.

2. Vibrant Commercial & Retail Development

Examples of Current initiatives

- City/Shaker Heights Development Corporation joint economic development efforts.
- Chagrin/Lee focus.
- Confluent assisted living development.

Other Initiatives to be considered

- Development of other Van Aken district sites. (Qua, office parcel, Farnsleigh lot, City lot on Warrensville).
- More commercial area maintenance by Public Works.
- Expanded Clean and Safe Ambassadors program.
- More bike infrastructure.
- More commercial land banking.
- Additional economic development resources, including TIF funding.
- Lee Road Corridor:
 - Plan: \$120,000 (2020)
 - Design: \$250,000 (2022)
 - Construction: \$575,000 (NOACA grant match) (2025)
- VAD RTA public realm:
 - Design: \$250,000 (2022)
 - Construction: \$575,000 (NOACA grant match) (2023)
- Van Aken multi-purpose extension:
 - Plan: \$75,000 (2021)
 - Design: \$250,000 (2022)
 - Construction: \$575,000 (NOACA grant match) (2024)
- Replacement RTA Green and Blue Rapid Line bus shelters - \$200,000 (Shaker Heights share) (2022).
- VAD RTA transit station design.
- Warrensville Center Road multipurpose path extension to Shaker Boulevard.
- Explore long-range economic development funding/structures.
- Commercial Point of Sale inspection for commercial properties.
- Vacant property fee system to incentivize productive property use.
- Require that vacant storefronts follow a set of vacant property guidelines that extends beyond maintenance (removal of old business signage, proper window covering treatment, working with ED/SHDC to promote property, etc.).

- Explore RTA transit linkage opportunities: Van Aken district/Chagrin-Lee/Shaker Square.
- Comprehensive south side of Chagrin muni parking lot/Dumpster Plan for improvements and ongoing maintenance.
- Chagrin/Lee/west end master redevelopment plan.
- Lee Road corridor strategic investment plan and grant applications to support initiatives on Lee.
- Commercial area streetscape improvements – Lee Road.
- South Lee Road street renovation/”diet.”
- Lee Road commercial building landscaping incentive.
- Economic development/real estate consultant.

3. High Quality, High Functioning Neighborhoods

Examples of Current initiatives

- Residential land banking – property acquisition.
- Blighted property demolition.
- Street resurfacing.
- Sewer repairs/upgrades.
- Sidewalk plowing.
- Trees.
- Moreland infill housing.
- Neighborhood engagement – Moreland.
- Surveillance cameras in south muni lot; Around the World playground; and STJ Community Building.

Other Initiatives to be considered

- Additional surveillance cameras in various locations.
- Streets at \$2 million/year.
- Chagrin-Lynnfield intersection improvements - +\$50,000.
- Warrensville Center Road - South Woodland intersection traffic/pedestrian improvements:
 - Design: \$40,000 (2021)
 - Construction: \$125,000 (2022)
- Sewers at \$3 million/year.
- Replacement of City-wide Traffic Signalization system.
- Fully staffed/service SHPD Neighborhood Engagement Unit: + 2 officers.
- More trash receptacles along routes to schools/parks.
- Updated Housing and Neighborhood initiatives:
 - Vacant lot reuse
 - Infill incentives and marketing – Moreland single-family; Townhomes of Van Aken
 - Modernization of homes
 - Accessibility
 - Homeowner energy-efficiency program (sustainability)
 - Incentives for transitioning properties from rentals to owner-occupancies

- New purchase/rehab lending options for owner-occupant buyers
- Cross-border communication/cooperation with Cleveland wards and CDCs adjacent to Shaker
- Legal and strategic planning assistance for condominium associations
- Blighted and vacant housing rehab strategy.
- Multifamily (apartment) building reinvestment program.

4. Attractive Desirable Quality of Life

Examples of Current initiatives

- The Getaway teen afterschool program.
- #ShakerPlays park and playground programming.
- Shaker365 marketing campaign.
- New website.
- Deer management.

Other Initiatives to be considered

- Dog park.
- More park/playground amenities.
- Sustainability initiatives
 - Zoning Code update
 - Alternative-powered City vehicles
 - Electric scooters and bikes
- Master plan update.
- Public art throughout the City.
- More multipurpose trails.
- New trail at Lower Lake at South Park.
- Artificial Turf Field study - \$30,000.
- Ice rink upgrades.
- Tennis courts rebuild.
- Year round Getaway Program.
- Explore tax-relief options/ideas.
- Incentivize Shaker employees to live in the City.

**2020 PROPOSED CAPITAL BUDGET
WITH SEWERS**

FUNDS AVAILABLE IN 2019 GENERAL FUND BUDGET

\$4,400,000	2019 General Fund budget – transfer for 2020 capital and sewers
<u>\$750,000</u>	Additional 2019 revenue to be appropriated
\$5,150,000	Total General Fund funds available for 2020 capital

2020 Proposed Capital Budget – Administration Recommendations

\$910,000	Police equipment
303,500	Fire equipment
635,000	Public Works equipment
2,007,500	Public Works streets
941,000	Public Works facilities maintenance
215,000	Recreation maintenance and equipment
138,000	IT hardware and software
<u>2,000,000</u>	Public Works sewers
\$7,150,000	Total capital funded with General Fund 2019 transfers.
(\$2,000,000)	Shortfall

**2020 PROPOSED CAPITAL BUDGET
DEPARTMENT REQUESTED VS. ADMINISTRATION PROPOSED**

	<u>Dept. Original Request</u>	<u>Dept. Revised Request</u>	<u>Admin. Revised Proposed</u>	<u>Change from Dept. Revised Request</u>
Police	\$1,000,000	\$1,030,000	\$910,000	Postpone \$120,000 replacement traffic signal truck.
Fire	363,500	328,500	303,500	Postpone \$25,000 replacement utility trailer.
Public Works Equipment	1,265,000	695,000	635,000	Postpone \$60,000 replacement wood chipper (forestry). Lease \$410,000 sewer vactor truck.
Public Works Streets	2,007,500	2,007,500	2,007,500	None.
Public Works Sewers	4,980,000	2,000,000	2,000,000	Postpone \$1,730,000 Lomond sewer replacement. Reduce other capital from \$3,250,000 to \$2,000,000. Consider sewer fee increase.
Public Works Facilities and Maintenance	1,532,000	1,367,000	941,000	Reduce City facilities maintenance from \$100,000 to \$74,000. Seek ODWA loan for \$400,000 transfer station repair.
Recreation Facilities and Maintenance	215,000	215,000	215,000	None.
IT Hardware and Software	<u>138,000</u>	<u>\$138,000</u>	<u>\$138,000</u>	None.
Total	\$11,501,000	\$7,781,000	\$7,150,000	

City of Shaker Heights, Ohio
Summary of Proposed General Fund 2019 Budget Revisions
As of August 19, 2019

	2018		2019		Difference (\$)
	Budget	Actual	Original Budget	Revised	
Total Revenue	\$48,023,695	\$48,920,998	\$49,156,291	\$51,091,491	\$1,935,200
<u>Operating Obligations</u>					
Personal Services	\$26,534,594	\$26,093,497	\$27,678,192	\$28,249,192	\$571,000
Other Expenditures	9,607,058	9,109,585	11,274,037	11,463,486	\$189,449
Total Operating Obligations	\$36,141,652	\$35,203,082	\$38,952,229	\$39,712,678	\$760,449
Transfers Out	11,572,127	12,082,621	10,200,694	11,357,694	\$1,157,000
Total Expenditures	\$47,713,779	\$47,285,703	\$49,152,923	\$51,070,372	\$1,917,449
Net Operating Result	\$309,916	\$1,635,294	\$3,368	\$21,119	\$17,751
Fund Balance - January 1	15,432,623	15,432,623	17,067,917	17,067,917	-
Fund Balance - December 31	\$15,742,539	\$17,067,917	\$17,071,285	\$17,089,036	\$17,751
Ending Fund Balance as % of Total Expenditures	32.99%	36.10%	34.73%	33.46%	-1.27%

Notes

- | | | |
|--------------------------------------|-----------------------|----------------|
| 1) Approved budget revisions to date | Appropriations | Revenue |
| | \$139,449 | \$139,400 |
| 2) Proposed Revisions | | |
| a.) Income Tax Estimate | | \$1,795,800 |
| b.) Compensation adjustments | \$621,000 | |
| c.) 2020 Capital Program Transfer | \$750,000 | |
| d.) ED/Housing Reserve Fund Transfer | \$407,000 | |

**2020 PROPOSED CAPITAL BUDGET
(NO SEWERS)**

SOURCES/USES

<u>Uses</u>	<u>Sources</u>			Total
	General Capital Fund	Lease Financing	OWDA Loan	
Police	\$910,000			\$910,000
Fire	303,500			303,500
PW Equipment	635,000	410,000		1,045,000
PW Streets	2,007,500			2,007,500
PW Maintenance	941,000		400,000	1,341,000
Recreation	215,000			215,000
IT	<u>138,000</u>	<u> </u>	<u> </u>	<u>138,000</u>
	\$5,150,000¹	\$410,000²	\$400,000³	\$5,960,000

¹ General Fund Transfer in 2019 for 2020.

² Lease payments for sewer vactor truck in 2020 Sewer Maintenance Fund (operating) budget.

³ Loan payments for transfer station repair in 2020 General Fund operating budget.

**City of Shaker Heights
10 Year Capital Plan**

9/6/2019 2:20 PM

Department Revised Requests 9/9/2019

Capital Group	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2020-2029
Police Department	\$ 1,030,000	\$ 668,500	\$ 560,000	\$ 580,000	\$ 2,365,000	\$ 530,000	\$ 1,090,000	\$ 568,000	\$ 665,000	\$ 545,000	\$ 8,601,500
Fire Department	\$ 328,500	\$ 350,000	\$ 163,000	\$ 740,000	\$ 155,000	\$ 390,000	\$ 150,000	\$ 40,000	\$ 190,000	\$ 386,000	\$ 2,892,500
Public Works - Equipment	\$ 695,000	\$ 1,182,000	\$ 930,000	\$ 882,000	\$ 774,000	\$ 458,000	\$ 421,000	\$ 446,000	\$ 866,000	\$ 923,000	\$ 7,577,000
Public Works - Streets	\$ 2,007,500	\$ 3,307,500	\$ 3,707,500	\$ 2,562,500	\$ 2,037,500	\$ 2,500,000	\$ 2,500,000	\$ 2,500,000	\$ 2,500,000	\$ 2,500,000	\$ 26,122,500
Public Works Sewers	\$ 2,000,000	\$ 6,555,000	\$ 4,250,000	\$ 3,500,000	\$ 3,250,000	\$ 3,500,000	\$ 3,250,000	\$ 3,500,000	\$ 3,250,000	\$ 3,500,000	\$ 36,555,000
Public Works - Facilities	\$ 1,367,000	\$ 1,635,000	\$ 1,203,000	\$ 1,424,000	\$ 1,378,000	\$ 1,268,000	\$ 1,273,000	\$ 784,000	\$ 511,000	\$ 658,000	\$ 11,501,000
Recreation Department	\$ 215,000	\$ 893,000	\$ 3,835,000	\$ 12,000	\$ 141,000	\$ 6,140,000	\$ 307,000	\$ 312,000	\$ 534,000	\$ 368,500	\$ 12,757,500
Information Technology	\$ 138,000	\$ 242,000	\$ 440,000	\$ 163,000	\$ 311,000	\$ 332,000	\$ 248,000	\$ 446,000	\$ 292,000	\$ 271,000	\$ 2,883,000
Total 10 Year	\$ 7,781,000	\$ 14,833,000	\$ 15,088,500	\$ 9,863,500	\$ 10,411,500	\$ 15,118,000	\$ 9,239,000	\$ 8,596,000	\$ 8,808,000	\$ 9,151,500	\$ 108,890,000

\$ 108,890,000

Police Department Equipment

Project / Upgrade	Frequency	Category	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
Equipment and Traffic Control												
Replacement Police Vehicles			\$ 260,000	\$ 260,000	\$ 270,000	\$ 270,000	\$ 280,000	\$ 280,000	\$ 290,000	\$ 290,000	\$ 300,000	\$ 300,000
Gas Masks, Filters and Carrying Bags										\$ 100,000		
Replacement Computer Voice Stress Analyzer Upgrade (CVSA II)				\$ 8,500						\$ 10,000		
Replacement 60 TASERS, holsters and cartridges						\$ 80,000					\$ 85,000	
Replacement K-9 Fox					\$ 25,000							
Replacement K-9 Sorbon									\$ 25,000			
Replacement K-9 Roman									\$ 25,000			
Replacement K-9 Egor										\$ 25,000		
NICE System replacement					\$ 25,000							\$ 35,000
Comprehensive Video Solution including storage (Replaces in-car video, body cameras and DIMS)			\$ 650,000						\$700,000			
Replacement Mobile Radar Units					\$ 30,000						\$ 40,000	
Replacement of Handguns, M-4 Rifles, Shotguns (Replace 7 m-4's in 2017)					\$ 100,000		\$ 35,000					
Replacement of Portable Radios, Lapel Mics and Holsters								\$ 200,000				
Replace Lenco Bearcat Rescue Vehicle				\$ 300,000								
Surveillance Camera Replacements (SHTC, Chelton Pk., Comm Bldg.)						\$ 80,000						
Traffic Signalization System Upgrade - grant match							\$ 2,000,000					
Replacement Signage, Poles And Signalization Maintenance				\$ 100,000	\$ 100,000	\$ 100,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 150,000
Replace Street Name Signs										\$ 80,000	\$ 80,000	
Bicycle Unit Equipment replacement						\$ 50,000						\$ 60,000
Range Trap Cleaning					\$ 10,000					\$ 13,000		
Traffic Signalization Truck replacement			\$ 120,000								\$ 110,000	
Ten Year Total			\$ 1,030,000	\$ 668,500	\$ 560,000	\$ 580,000	\$ 2,365,000	\$ 530,000	\$ 1,090,000	\$ 568,000	\$ 665,000	\$ 545,000

\$8,601,500

Fire Department Equipment

Project / Upgrade	Frequency	Category	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
Replacement of expired SCBA Cylinders (5 year program)												
Replace Engine (2001 Pierce Engine)												
Mobile Radio Replacement			\$73,500									
Replace the departments SCOTT Air Packs (Qty. 33)			\$190,000									
Replacement FD Vehicle "264" (2008 Dodge)			\$40,000									
Replace Utility Vehicle "268" (1988 Ford Utility vehicle)			\$25,000									
Replacement Rescue Squad (2009 Horton Ambulance)				\$300,000								
Replacement of Stryker Power Load System and Power Cot				\$50,000								
Replacement of Stryker Stair Chairs (3 Chairs)					\$60,000							
Replace Thermal Imaging Cameras (Fire and Police)					\$63,000							
Replace Utility Vehicle "267" (2012 Ford Pick-up)					\$40,000							
Replace Engine (2003 Pierce Engine)						\$700,000						
Replacement FD Vehicle "261" (2016 Ford Interceptor)						\$40,000						
Replace Chase Vehicle "266" (2014 Ford Interceptor)							\$55,000					
Replacement FD Vehicle "260"(2016 Ford Interceptor)							\$40,000					
Replace Lucas "CPR" Devices on each squad (Qty. 3)							\$60,000					
Replacement FD Vehicle "262" (2017 Ford Interceptor)								\$40,000				
Replacement Rescue Squad (2014 Horton Ambulance)								\$300,000				
Replacement of Stryker Power Load System and Power Cot								\$50,000				
Replacement of LifePak Cardiac Monitors									\$150,000			
Replace Department and City AED's (Qty. 14)										\$40,000		
Purchase Lifepak Cardiac Defibrillator/Monitors											\$150,000	
Replacement FD Vehicle											\$40,000	
Replacement Rescue Squad (20 Horton Ambulance)												\$300,000
Replacement of Stryker Power Load System and Power Cot												\$50,000
Replacement of Mobile Data Termanals (MDT's)												\$36,000
Total Fire Capital			\$328,500	\$350,000	\$163,000	\$740,000	\$155,000	\$390,000	\$150,000	\$40,000	\$190,000	\$386,000

Ten Year Plan Total

\$2,892,500

Pubic Works - Equipment

Project / Upgrade	Frequency	Category	\$ 2,020	2021	2022	2023	2024	2025	2026	2027	2028	2029
Parks and Public Land		Health & Safety										
Replacement Dump Truck No. 26 (2000)			\$ 195,000									
Replacement Dump Truck No. 73 (1997)					\$ 200,000							
Replacement Dump Truck No. 37 (2009)						\$ 200,000						
Replacement Pick-up Truck No. 12 (2006)			\$ 40,000									
Replacement Pick-up Truck No. 17 (2012)							\$ 45,000					
Replacement Pick-up Truck No. 30 (2006)				\$ 60,000								
Replacement Dump Truck No. 45 (2009)					\$ 200,000			\$ 200,000				
Replacement Pick-up Truck No. 48 (2013)						\$ 60,000						
Replacement Pick-Up Truck No. 67 (2011)				\$ 40,000						\$ 50,000		
Watering Truck No. 18 (2007)				\$ 60,000								
Mowers				\$ 16,000	\$ 17,000		\$ 17,000		\$ 12,000	\$ 12,000		
Brush Collection												
Replacement Leaf Vac (1999)												
Replacement Leaf Vac (1999)				\$ 75,000								
Replacement Leaf Vac (2001)							\$ 75,000					
Replacement one man Leaf Vac No. 68 (2011)								\$ 125,000				
Replacement Loader No. 214 (2006)												
Replacement Loader No. 213 (2006)			\$ 155,000									
Replacement Loader No. 208 (1997)				\$ 155,000								
Replacement Loader No. 216 (2015)										\$ 150,000		
Replacement Dump Truck No. 51 (2013)										\$ 100,000		
Replacement Dump Truck No. 23 (2013)									\$ 100,000			
Trailer				\$ 75,000								
Tractor Trailer #63 (2002)* ADDITIONAL FUNDS			\$ 38,000									
Refuse Collection												
Replacement Scooter - Diesel (1)			\$ 32,000	\$ 65,000	\$ 65,000	\$ 65,000	\$ 65,000	\$ 66,000	\$ 64,000	\$ 64,000		
Recycling/Dumpster Packer No. 60 (2006)												
Replacement Pick-up Truck No. 10 (2015)										\$ 45,000		
Loader Skid Streer									\$ 80,000			
Snow & Ice												
Replacement Snow Plows (1)			\$ 10,000	\$ 11,000	\$ 12,000	\$ 12,000		\$ 12,000		\$ 10,000		

Pubic Works - Equipment

Project / Upgrade	Frequency	Category	\$ 2,020	2021	2022	2023	2024	2025	2026	2027	2028	2029
Replacement Dump Truck Tandem No. 54 (2003)												
Replacement Dump Truck No. 70 (2000)				\$ 175,000								
Replacement Dump Truck No. 73 (1997)				\$ 180,000								
Replacement Dump Truck No. 41 (1997)					\$ 185,000							
Replacement Dump Truck No. 52 (2000)						\$ 185,000						
Replacement Dump Truck Tandem No. 32 (2010)							\$ 200,000					
Replacement Dump Truck No. 26 (2000)												
Salt Body			\$ 20,000	\$ 20,000					\$ 15,000	\$ 15,000		
Streets												
Replacement Cement Truck No. 57 (1992)												
Replacement Dump Truck No. 24 (2002)												
Replacement Utility Van No. 29 (2000)				\$ 50,000								
Replacement Dump Truck No. 75 (2006)						\$ 185,000						
Replacement Dump Truck No. 53 (2005)							\$ 185,000					
Replacement Pick-up Truck No. 33 (2008)				\$ 60,000								
Replacement Pick-up Truck No. 43 (2007)					\$ 60,000							
Replacement Stake Body Truck No. 40 (2008)							\$ 60,000					
Hot Box No. 513 (1998)			\$ 40,000									
Replacement Pick-up Truck No. 21 (2011)								\$ 35,000				
Roller, Asphalt No. 1207(1995)					\$ 60,000							
Sewer Jet Vac #78 (2004)		leased \$70 K pymt.										
Air Compressor								\$ 20,000				
Street Sweeper- 5-year Lease			\$ 45,000	\$ 45,000	\$ 45,000	\$ 45,000	\$ 45,000	XXXXXX				
Building Maintenance												
Bucket Truck No. 16 (2002)						\$ 130,000						
Central Garage												
Replacement Forklift No. 515 (1992)				\$ 50,000								
Replacement Skid Steer No. 207 (2000)							\$ 60,000					
Replacement Mechanics Van No. 20 (2002)												
Hoist/Lift							\$ 22,000					
Tree Maintenance												
Replacement Cab & Chassis No. 25 (1994)					\$ 225,000							

Pubic Works - Equipment

Project / Upgrade	Frequency	Category	\$ 2,020	2021	2022	2023	2024	2025	2026	2027	2028	2029
Replacement Aerial Bucket Truck No. 61 (2000)* ADDITIONAL FUNDS			\$ 60,000									
Replacement Crane Truck No. 62 (2007)									\$ 150,000			
Replacement Portable Stump Grinder (1996)				\$ 45,000								
Replacement Chipper No. 705 (1999)			\$ 60,000									
Replacement Chipper No. 702 (2000)					\$ 61,000							
Total Public Works Equipment			\$ 695,000	\$1,182,000	\$ 930,000	\$ 882,000	\$ 774,000	\$ 458,000	\$ 421,000	\$ 446,000	\$ 866,000	\$ 923,000

Ten Year Plan Total

\$ 7,577,000

Public Works - Streets, Curbs and Amenities

Project / Upgrade	Frequency	Category	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
Public Works Street and Curbs Projects												
Street Resurfacing			\$2,000,000	\$ 2,000,000	\$ 2,000,000	\$ 2,000,000	\$ 2,000,000	\$ 2,500,000	\$ 2,500,000	\$ 2,500,000	\$ 2,500,000	\$ 2,500,000
Lee Rd. Rehab (Van Aken - Southern border) *if funded	2021			\$ 1,300,000								
Chagrin Blvd. Resurfacing (border to border) grant match					\$ 1,000,000							
Fairmount Resurfacing (border to border) * if funded	2022				\$ 700,000							
South Woodland (border to border) *if funded	2023					\$ 550,000						
Lake to Lakes Trail	1/10 yrs	Rehab.					10,000					
Van Aken District	1/5 yrs	Rehab.					20,000					
Lee/Lomond Streetscape	1/10 yrs	Rehab.				5,000						
Bike Striping and Signs	yearly	Maint.	7,500	7,500	7,500	7,500	7,500					
Total Streets Program			\$2,007,500	\$3,307,500	\$3,707,500	\$2,562,500	\$2,037,500	\$2,500,000	\$2,500,000	\$2,500,000	\$2,500,000	\$2,500,000

Ten Year Plan Total

\$26,122,500

Public Works - Sewers

Project / Upgrade	Frequency	Category	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
Public Works Sewer System Improvements												
Capital Sewer Repairs (GF Transfer)		Maint.		\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000
Culvert Replacement				\$ 400,000		\$ 250,000		\$ 250,000		\$ 250,000		250,000
Soutfall source Tracking and Elimination				\$ 175,000								
Lomond Sewer Replacement				\$ 1,730,000								
SSO's		Rehab.		\$ 1,000,000	\$ 1,000,000							
Capital Sewer Improvements & Lining		Rehab.	\$ 2,000,000	\$ 3,000,000	\$ 3,000,000	\$ 3,000,000	\$ 3,000,000	\$ 3,000,000	\$ 3,000,000	\$ 3,000,000	3,000,000	3,000,000
Total Sewer System Improvements Program			\$2,000,000	\$6,555,000	\$4,250,000	\$3,500,000	\$3,250,000	\$3,500,000	\$3,250,000	\$3,500,000	\$3,250,000	\$3,500,000

\$36,555,000

Public Works Building Maintenance

Shaker Heights - Building Maintenance Capital Plan

Project / Upgrade	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
General Building Maintenance and Repairs										
City Facility Repairs and Renovations	\$ 100,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000
Consulting Engineer	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000
Furniture and Equipment	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000
Total	\$ 133,000	\$ 333,000	\$ 333,000	\$ 333,000	\$ 333,000	\$ 333,000	\$ 333,000	\$ 333,000	\$ 333,000	\$ 333,000
City Hall										
Boiler Replacement							\$ 120,000			
Replace Slate Roof					\$ 300,000					
Gutter System Refurbish									\$ 100,000	
HVAC - Air Condition/Heat Replacement Annex				\$ 45,000						
HVAC - former Health Dept area			\$ 30,000							
HVAC - Record Retention area					\$ 10,000					
HVAC - Building Dept				\$ 18,000						
HVAC - Planning Dept				\$ 18,000						
Tuck Pointing								\$ 100,000		
Replacements - windows			\$ 150,000	\$ 150,000						
Window Blinds - replacement			\$ 10,000							
Parking Lot & Wood Fence Replacement		\$ 325,000								
Interior Painting		\$ 25,000								
Dome Repair								\$ 50,000		
Exterior Painting		\$ 65,000								
Law Dept HVAC Repair										
Annex Fire Alarm System Installation		\$ 35,000								
Upgrade Fire Alarm System - Additional Funds	\$ 49,000									
Paint Exterior Metal Trim & Rails									\$ 25,000	

Public Works Building Maintenance

Project / Upgrade	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
Electrical Distribution System Repairs (Safety)	\$ 30,000									
Waterproof Window Wells		\$ 30,000								
Basement Storage - Structural Repairs										\$ 75,000
Total	\$ 79,000	\$ 480,000	\$ 190,000	\$ 231,000	\$ 310,000	\$ -	\$ 120,000	\$ 150,000	\$ 125,000	\$ 75,000
Community Building										
Window Blinds w/new hardware (all windows)				\$ 15,000						
ASPHALT ROOF	\$ 110,000									
Service Elevator						\$ 75,000				
Interior Painting								\$ 13,000		
HVAC Air Handlers - 5 units/with controllers				\$ 100,000						
Parking Lots (Including Library & Dumpster Enclosures)						\$ 225,000				
Paint Exterior Metal Trim & Rails									\$ 6,000	
Replace Awning	\$ 25,000									
Replace Service Elevator Jack										\$ 40,000
HVAC Repair Room #115										\$ 15,000
Total	\$ 135,000	\$ -	\$ -	\$ 115,000	\$ -	\$ 300,000	\$ -	\$ 13,000	\$ 6,000	\$ 55,000
Fire Station #2										
Replace Boiler							\$ 95,000			
Replace Vinyl Windows										\$ 35,000
Replace Flat Roof Areas of Station		\$ 50,000								
Tuck Pointing					\$ 40,000					
Interior Plaster and Painting		\$ 15,000								
Generator Replacement add'l funds	\$ 75,000									
Exterior Painting		\$ 10,000						\$ 8,000		
Parking Lot				\$ 50,000						

Public Works Building Maintenance

Project / Upgrade	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
Employee Parking Lot Gate	\$ 20,000									
Replace Rolling Doors						\$ 250,000				
Replace Flat Roofs						\$ 300,000	\$ 300,000			
Vehicle Lift Replacement				\$ 10,000						
Window Replacement		\$ 30,000								
Fire Alarm System Upgrade		\$ 30,000								
Road Salt Tank Replacement					\$ 30,000					
Replace Entry Doors on Chagrin	\$ 30,000									
Paint Exterior Metal Trim & Rails									\$ 5,000	
Transfer Station repair add'l. funds 1	\$ 400,000									
Total	\$ 635,000	\$ 185,000	\$ 110,000	\$ 35,000	\$ 30,000	\$ 550,000	\$ 300,000	\$ 65,000	\$ 5,000	\$ -
Shaker Family Center Building										
Wood Window Replacement Project							\$ 100,000			
Aluminum Window Replacement Project			\$ 150,000							
Paint All Exterior Wood Trim (Lead Paint)										
Masonry Work								\$ 100,000		
HVAC				\$ 150,000						
Boiler Replacement	\$ 130,000									
Parking Lot & Dumpster Enclosure								\$ 115,000		
Paint Exterior Metal Trim & Rails									\$ 30,000	
Replace Exterior Doors										\$ 25,000
Re-Line Gutter System and Repair Flashing					\$ 200,000					
Total	\$ 130,000	\$ -	\$ 150,000	\$ 150,000	\$ 200,000	\$ -	\$ 100,000	\$ 215,000	\$ 30,000	\$ 25,000
Fire Station #1										
Exterior Painting			\$ 15,000							
Interior Painting		\$ 15,000								
Carpeting Dorms		\$ 12,000								
Boiler Replacement					\$ 100,000					

Public Works Building Maintenance

Project / Upgrade	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
Replace HVAC RTUs					\$ 100,000					
Roof Replacement				\$ 300,000						
Front Apron & Pavement Replacement										\$ 80,000
Insulate Exterior Dorm Wall										\$ 30,000
Total	\$ -	\$ 27,000	\$ 15,000	\$ 300,000	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ 110,000
The Dealership (3558 Lee Rd)										
Replace Garage Windows			\$ 75,000							
Masonry Corner & Pointing Repairs	\$ 30,000									
Roof Replacement					\$ 265,000					
Total	\$ 30,000	\$ -	\$ 75,000	\$ -	\$ 265,000	\$ -	\$ -	\$ -	\$ -	\$ -
Misc.										
Parking Lot at Avalon/Chagrin			\$ 60,000							
Chagrin South side Parking Lot (East Section & Dumpster Enclosures)		\$ 120,000								
Chagrin South side Parking Lot (West Section & Dumpster Enclosures)				\$ 180,000						
Lee Rd Parking Lot (White Bldg)							\$ 25,000			
Streetlight Pole Replacement			\$ 150,000							
Total	\$ -	\$ 120,000	\$ 210,000	\$ 180,000	\$ -	\$ -	\$ 25,000	\$ -	\$ -	\$ -
Total Public Works Building Maintenance	\$ 1,367,000	\$ 1,635,000	\$ 1,203,000	\$ 1,424,000	\$ 1,378,000	\$ 1,268,000	\$ 1,273,000	\$ 784,000	\$ 511,000	\$ 658,000

Ten Year Plan Total

\$ 11,501,000

Recreation Department Equipment and Facilities

Project / Upgrade	Frequency	Category	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
Swimming Pool Trash Can Replacement	10	Equipment	\$ 10,000									
Sussex Tennis Courts Rercoating and Crack Sealing (Resurfaced in 2005 & Recoated in 2013)	8	Rehab.	\$ 20,000									\$ 25,000
Ice Arena Score Board Replacement	30	Equipment	\$ 20,000									
Replace/Entry/Exit Doors - Thornton Park	10	Rehab.	\$ 40,000							\$ 35,000		
Pool Entry Improvement and Shade Structure	10	Rehab.	\$ 50,000								\$ 55,000	
Ice Arena Reflective Roof Coating	10	Energy Mgt	\$ 60,000								\$ 65,000	
Pool Building Heaters (1962)	50	Rehab.										
Infield Groomer	5	Equipment		\$ 6,000					\$ 7,000			
Thornton Park Men's Restroom Renovation	30	Maint.		\$ 10,000								
Lawn Mower (2010)	10	Equipment		\$ 10,000								
Ice Arena Floor Scrubber (2015)	5	Equipment		\$ 12,000				\$ 14,000				
Ice Arena Interior Painting of Arena	10	Maint.		\$ 15,000							\$ 20,000	
Painting of Lobby, Lobby Restrooms and Locker Rooms	10	Maint.		\$ 15,000							\$ 20,000	
Ice Arena New Sound System	15	Rehab.		\$ 20,000								
Bunker Rake and Trailer				\$ 20,000								
Ice Arena Exterior Building Painting	10	Rehab.		\$ 25,000						\$ 30,000		
Soccer Field Rehab	10	Rehab.		\$ 25,000								
Retrofitting Light Fixtures - Park & Adm Offices - Thornton Park	30	Rehab.		\$ 40,000								
Replace Propane Zamboni(1982/1983) with used one from 2000's	40	Equipment		\$ 60,000								
Ice Arena Low Emissivity Ceiling Replacement	25	Rehab.		\$ 65,000								
Thornton Park Rubber Floor Replacement	15	Rehab.		\$ 150,000								
Tennis Courts	20	Rehab.		\$ 420,000								
Shaker Median Trail repair			\$ 15,000									
Around the World - CCI staining	2	Rehab.			\$ 5,000			\$ 5,000			\$ 5,000	
Horseshoe Lake Park Maintenance	5	Rehab.			\$ 5,000					\$ 5,000		
Pool - Boilers (2002)	20	Equipment			\$ 125,000							
Ice Arena Bleacher Replacement (1990)	30	Equipment			\$ 200,000							
Ice Arena Locker Rooms Addition	50	Rehab.			\$ 500,000							
Ice Arena Concrete Slab/Piping Replace	50	Rehab.			\$ 3,000,000							
Concession Stand Equipment	5	Equipment				\$ 6,000					\$ 7,000	

Recreation Department Equipment and Facilities

Project / Upgrade	Frequency	Category	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
Menlo Tot Lot Playground (2012)	35	Equipment										
Pool Renovation	50	Rehab.										
Horseshoe Lake Trail (2007)	25	Rehab.										
Horseshoe Lake Picnic Shelters (2007)	50	Rehab.										
Horseshoe Lake Restrooms (2007)	50	Rehab.										
Horseshoe Lake Boardwalk (2007)	35	Rehab.										
Horseshoe Lake Play Equipment (2007)	35	Rehab.										
Thornton Pool Sprayground (2008)	30	Rehab.										
Combination Field Goal/Soccer Goal	15	Equipment										
Park Trail Markers - Southerly Park												
Park Benches and Trash Cans - Southerly Park												
Park Entry Signs - Thornton Park												
Park Entry Signs - Winslow Park												
Park Entry Signs - Around the World Playground												
Park Entry Signs - Chelton Park												
Park Entry Signs - Ashby Park												
Park Entry Signs - Horseshoe Lake Park												
Benches and Trash Cans - Winslow Park												
Benches and Trash Cans - Chelton Park												
Benches and Trash Cans - Around the World Playground												
Benches and Trash Cans - Winslow Park												
Benches and Trash Cans - Ashby Park												
Park Entry Signs - Gridley Triangle Park												
Tables and Amentities - Gridley Triangle Park												
Benches and Trash Cans - Gridley Triangle Park												
Park Entry Signs - Hildana Park												
Benches and Trash Cans - Hildana Park												
Total Recreation Capital			\$ 215,000	\$ 893,000	\$ 3,835,000	\$ 12,000	\$ 141,000	\$ 6,140,000	\$ 307,000	\$ 312,000	\$ 534,000	\$ 368,500

\$ 12,757,500

Information Technology - Hardware and Software

Project / Upgrade	Frequency	Category	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
Software - Replacement and Upgrade Assurance	1.0	Info Systems	\$ 38,000	\$ 38,000	\$ 42,000	\$ 42,000	\$ 42,000	\$ 42,000	\$ 45,000	\$ 45,000	\$ 45,000	\$ 45,000
Hardware - Workstation Replacement	1.0	Equipment	\$ 30,000	\$ 110,000	\$ 50,000	\$ 70,000	\$ 100,000	\$ 30,000	\$ 110,000	\$ 50,000	\$ 70,000	\$ 100,000
Software - Replacement/Upgrade Server Virtualization	3.0	Info Systems	\$ 16,000			\$ 17,000			\$ 18,000			
Telephone System Upgrade (voicemail, Phones,Controllers)	10.0	Equipment									\$ 150,000	
Software - Database Software Upgrade Project	5.0	Info Systems			\$ 15,000					\$ 15,000		
Hardware - Server Replacements (Kace Servers)	5.0	Equipment	\$ 20,000		\$ 10,000			\$ 20,000		\$ 10,000		
Hardware - Printers	7.0	Equipment				\$ 10,000	\$ 10,000					
Software - Upgrade - Virus Protection	3.0	Info Systems		\$ 19,000			\$ 21,000			\$ 21,000		
Hardware - Network Firewall / IPS Replacement	5.0	Equipment					\$ 16,000					\$ 16,000
Hardware - Server Replacements - Virtual Infrastructure	5.0	Equipment					\$ 50,000					\$ 50,000
Hardware - Storage Network Replacement/Upgrade	5.0	Equipment			\$ 60,000		\$ 60,000			\$ 60,000		\$ 60,000
Hardware - Anti-spam System Replacement/Renewal	5.0	Info Systems				\$ 14,000					\$ 15,000	
Hardware - Conference Room SmartBoard	5.0	Equipment				\$ 10,000						
Hardware - Server Replacements - Domain Controller	5.0	Equipment	\$ 10,000						\$ 10,000			
Hardware - Email Archiving System	5.0	Info Systems		\$ 25,000					\$ 25,000			
Hardware - Datacenter UPS Hardware Replacements	5.0	Equipment	\$ 12,000					\$ 15,000				
Hardware - Internet Monitoring System Replacement	5.0	Info Systems		\$ 20,000					\$ 20,000			
Software - E-mail Software Upgrade Project	4.0	Info Systems	\$ 12,000				\$ 12,000				\$ 12,000	
Hardware - City Hall DVR/Camera Replacement	5.0	Equipment			\$ 18,000				\$ 20,000			
Hardware - Server Replace - GIS App Server & WS	6.0	Info Systems		\$ 30,000								
Hardware - Network Core Switch Replacement	8.0	Equipment						\$ 175,000				
Hardware - Wireless Network Replacement	8.0	Equipment						\$ 50,000				
Hardware - Council Chambers Displays	6.0	Equipment			\$ 20,000					\$ 20,000		
Mobile Date Terminials - Police & Fire	5.0	Equipment			\$ 225,000					\$ 225,000		
Timekeeping/Schedule System		Info Systems										
Ten Year Total			\$ 138,000	\$ 242,000	\$ 440,000	\$ 163,000	\$ 311,000	\$ 332,000	\$ 248,000	\$ 446,000	\$ 292,000	\$ 271,000

\$ 2,883,000