



SHAKER HEIGHTS

2021 Capital Budget
November 23, 2020

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City of Shaker Heights Capital Summary
Updated November 23, 2020

| | 2021 |
|---|---------------------|
| Police Department Equipment and Traffic Improvements | \$ 410,000 |
| Fire Department Equipment | \$ 375,000 |
| Public Works Department - Equipment | \$ 943,500 |
| Public Works Department - Streets | \$ 2,000,000 |
| Public Works Department - Sewers | \$ 2,112,500 |
| Public Works - Building Maintenance | \$ 1,093,000 |
| Recreation Department - Equipment and Facilities | \$ 25,000 |
| Information Technology Department - Hardware & Software | \$ 200,000 |
| Planning Department | \$ 50,000 |
| | |
| Total Capital Summary | \$ 7,209,000 |

| | Sources & Uses | | | |
|---|-------------------------------------|-----------------------------------|---------------------------------------|---------------------|
| | General Capital Fund | Sewer Capital Fund | Sewer Maintenance Fund | Total |
| Police - Equipment | \$ 410,000 | | | \$ 410,000 |
| Fire - Equipment | \$ 375,000 | | | \$ 375,000 |
| Public Works - Equipment | \$ 839,000 | | \$ 104,500 (C) | \$ 943,500 |
| Public Works - Streets | \$ 2,000,000 | | | \$ 2,000,000 |
| Public Works - Sewers | | \$ 2,112,500 (B) | | \$ 2,112,500 |
| Public Works - Building Maintenance | \$ 1,093,000 | | | \$ 1,093,000 |
| Recreation - Facilities and Maintenance | \$ 25,000 | | | \$ 25,000 |
| IT - Hardware and Software | \$ 200,000 | | | \$ 200,000 |
| Planning | \$ 50,000 | | | \$ 50,000 |
| | \$ 4,992,000 (A) | \$ 2,112,500 | \$ 104,500 | \$ 7,209,000 |

(A) Funded with General Fund transfer of \$7.8 million in 2020.

(B) Funded by borrowings with debt service to be paid by sewer fees.

(C) Lease payments in Sewer Maintenance Fund for Sewer Jet Vac (\$60,000) and Street Sweeper (\$45,000).

Police Department

| | <u>2021</u> |
|---------------------------------------|---------------------------------|
| Annual Replacement of Police Cruisers | \$ 260,000 |
| Traffic Signalization Truck | 120,000 |
| Radio Communication Equipment | 30,000 |
| Total | <u><u>\$ 410,000</u></u> |

CAPITAL PROJECT REQUEST FORM

Capital Budget Year: 2021

Type: New Renovation Expansion
 Replacement Repair Other

Department: Police

Project Name: Annual Replacement of Police Cruisers

Project Location: Police Department

Project Description: Annual replacement of at least 6 police vehicles to provide for effective police response and long term cost savings.

Project Justification: Our annual fleet program has shown to provide long-term cost savings due to overall lower maintenance costs and fuel efficient vehicles.

Project Priority: 1 Low / 5 High 4

Mandates: -

Estimated Cost: \$260,000

Source of Estimate: State Term Contract

Pre-purchased maintenance included: Yes No N/A

Pre-purchased maintenance cost: Mfg. Warranty

Disposition of Asset being replaced: Auction Trade-In Keep

Rationale: Vehicles not transferred to other departments will be traded in.

Estimated Annual Operating Cost: -

Estimated Annual Operating Details: Fuel/repair figures can be obtained from PW.

Can this item be shared with other municipalities? Yes No

If no, explain: City Owned Fleet Vehicles

CAPITAL PROJECT REQUEST FORM

Capital Budget Year: 2021

Type: New Renovation Expansion
 Replacement Repair Other

Department: Police

Project Name: Traffic Signalization Truck

Project Location: Police Department

Project Description: Replace the traffic signalization truck outfitted with special equipment for signalization/traffic sign duties. Request to replace with exact model presently used Ford F550 Super Duty Truck.

Project Justification: The 2011 Ford, F550 Super Duty Truck presently used is aged with 100,000 miles and past useful life.

Project Priority: 1 Low / 5 High 5

Mandates: None

Estimated Cost: \$120,000

Source of Estimate: Ohio STS Contract (State Bid)

Pre-purchased maintenance included: Yes No N/A

Pre-purchased maintenance cost: Mfg. Warranty

Disposition of Asset being replaced: Auction Trade-In Keep

Rationale: -

Estimated Annual Operating Cost: -

Estimated Annual Operating Details: Fuel/repair figures can be obtained from PW.

Can this item be shared with other municipalities? Yes No

If no, explain: City Owned Vehicle

CAPITAL PROJECT REQUEST FORM

Capital Budget Year: 2021

Type: New Renovation Expansion
 Replacement Repair Other

Department: Police

Project Name: 800 MHZ Radio Communication Equipment and Installation

Project Location: Police Department

Project Description: Conversion of our present 4200 MHZ radio communication equipment (both in car and portable) to 800 MHZ. This funding request is for installation. We have acquired both in car and portable 800 MHZ equipment through grant funding and other capital projects.

Project Justification: The Police Department is one of only four agencies left in Cuyahoga County that is using 420 MHZ. Conversion to 800 MHZ will provide significantly greater interoperability potential with other county and state law enforcement and fire agencies.

Project Priority: 1 Low / 5 High 5

Mandates: None

Estimated Cost: \$30,000

Source of Estimate: Estimate based on prior radio/antenna installs by contractor.

Pre-purchased maintenance included: Yes No N/A

Pre-purchased maintenance cost: -

Disposition of Asset being replaced: Auction Trade-In Keep

Rationale: Upon conversion, we will look to auction our present 420 MHZ equipment.

Estimated Annual Operating Cost: TBD

Estimated Annual Operating Details: Cleveland Infrastructure maintenance (~\$7,500/yr)

Can this item be shared with other municipalities? Yes No

If no, explain: Other agencies have their own equipment.

Fire Department

| | <u>2021</u> |
|--|---------------------------------|
| Replacement Rescue Squad & Stryker Cot | \$ 350,000 |
| Emergency Management Equipment Trailer | 25,000 |
| Total | <u><u>\$ 375,000</u></u> |

CAPITAL PROJECT REQUEST FORM

Capital Budget Year: 2021

Type: New Renovation Expansion
 Replacement Repair Other

Department: Fire

Project Name: Replacement of a 2009 Rescue Squad

Project Location: Fire Station #2

Project Description: This project would replace an aging 2009 Rescue Squad currently serving as a Reserve Rescue Squad. This new Rescue Squad would become the front line rescue squad at Station #2. The current front line Rescue Squad at Station #2 would go into the Reserve/jump Squad position. This squad will come from the manufacturer with a new Stryker Power Load System and power cot installed.

Project Justification: The current reserve squad is a 2009 Horton ambulance. The apparatus has over 92,000 miles. There is corrosion building on the vehicle and maintenance continues to rise.

Project Priority: 1 Low / 5 High 5

Mandates: -

Estimated Cost: \$350,000

Source of Estimate: Manufacturer

Pre-purchased maintenance included: Yes No N/A

Pre-purchased maintenance cost: -

Disposition of Asset being replaced: Auction Trade-In Keep

Rationale: -

Estimated Annual Operating Cost: -

Estimated Annual Operating Details: -

Can this item be shared with other municipalities? Yes No

If no, explain: -

CAPITAL PROJECT REQUEST FORM

Capital Budget Year: 2021

Type: New Replacement Renovation Repair Expansion Other

Department: Fire

Project Name: Fire Department Emergency Management Equipment Trailer

Project Location: Fire Station #2

Project Description: This trailer will be built and equipped to house emergency equipment that is utilized during and after a variety of incidents which includes fires, storms, power outages, and flooding.

Project Justification: The Fire Department responds to a number of different types of emergencies. Many of these require a myriad of tools and equipment to help stabilize and recover from an incident. The Fire Department has reduced its fleet size and is unable to house this type of equipment on our current apparatus due to space limitations. This is essential emergency equipment that can be stored on a trailer and can be quickly mobilized to an emergency scene.

Project Priority: 1 Low / 5 High 5

Mandates: -

Estimated Cost: \$25,000

Source of Estimate: Manufacturer

Pre-purchased maintenance included: Yes No N/A

Pre-purchased maintenance cost: -

Disposition of Asset being replaced: Auction Trade-In Keep

Rationale: N/A - new

Estimated Annual Operating Cost: -

Estimated Annual Operating Details: -

Can this item be shared with other municipalities? Yes No

If no, explain: -

Public Works Department - Equipment

| | 2021 |
|------------------------------------|-------------------|
| Parks and Public Land | |
| Pickup Truck (2008) | \$ 45,000 |
| Water Gator Utility Vehicle (2001) | 35,000 |
| Mower (2005) | 17,500 |
| Mower (2011) | 17,500 |
| Brush Collection | |
| Brush / Leaf Trailer (2009) | \$ 85,000 |
| Refuse Collection | |
| Scooter (2012) | \$ 35,000 |
| Snow & Ice | |
| Single-Axle Dump Truck (2000) | \$ 200,000 |
| Streets | |
| Backhoe (2004) | \$ 135,000 |
| Streets Utility Truck (2006) | 60,000 |
| Stake Body Truck (2008) | 60,000 |
| Sewer Jet Vac Truck (2004) Lease | 59,500 |
| Pickup Truck (2011) | 50,000 |
| Street Sweeper (2013) Lease | 45,000 |
| Sewer Snake Machine (2013) | 9,000 |
| Truck Bed (2008) | 7,500 |
| Truck Bed (2007) | 7,500 |
| Tree Maintenance | |
| Chipper Machine (2000) | \$ 75,000 |
| Total | \$ 943,500 |

CAPITAL PROJECT REQUEST FORM

Capital Budget Year: 2021

Type: New Renovation Expansion
 Replacement Repair Other

Department: Public Works - Equipment

Project Name: Pick-Up Truck 66 (2008 Ford F350)

Project Location: City Wide

Project Description: Truck #66 is a 2008 and used year round for grounds maintenance and snow/ice control including hauling trailers/riding mowers, mulch, topsoil, miscellaneous tools/supplies and performing high grass inspection. Winter months this truck clears all City buildings parking lots from snow and ice.

Project Justification: This unit exceeds its normal life expectancy and has a 7 year replacement plan. Replacement is needed due to deteriorating physical condition and will assist in improving the customer Services provided in maintaining City owned parks and land and snow and ice in the winter.

Project Priority: 1 Low / 5 High 5

Mandates: -

Estimated Cost: \$45,000

Source of Estimate: State of Ohio Cooperative Purchasing Program

Pre-purchased maintenance included: Yes No N/A

Pre-purchased maintenance cost: -

Disposition of Asset being replaced: Auction Trade-In Keep

Rationale: -

Estimated Annual Operating Cost: -

Estimated Annual Operating Details: -

Can this item be shared with other municipalities? Yes No

If no, explain: -

CAPITAL PROJECT REQUEST FORM

Capital Budget Year: 2021

Type: New Replacement Renovation Repair Expansion Other

Department: Public Works - Equipment

Project Name: Water Gator / Utility Vehicle 197 (2001 Cushman)

Project Location: Commercial / City Wide

Project Description: High performance Water/Utility vehicle. This is a multiple purpose vehicle for watering City planters and flower beds in spring and summer, clearing snow in winter and all other general landscaping maintenance which includes weeding flower beds, mulching and litter control.

Project Justification: This vehicle performs a variety of City grounds services. This unit is heavily involved in maintaining not only City properties landscaping, but also commercial/business district locations throughout the City

Project Priority: 1 Low / 5 High 5

Mandates: -

Estimated Cost: \$35,000

Source of Estimate: ABC Rental

Pre-purchased maintenance included: Yes No N/A

Pre-purchased maintenance cost: -

Disposition of Asset being replaced: Auction Trade-In Keep

Rationale: -

Estimated Annual Operating Cost: -

Estimated Annual Operating Details: -

Can this item be shared with other municipalities? Yes No

If no, explain: -

CAPITAL PROJECT REQUEST FORM

Capital Budget Year: 2021

Type: New Renovation Expansion
 Replacement Repair Other

Department: Public Works - Equipment

Project Name: Hustler Mower 407 (2005 Super Z)

Project Location: City Wide

Project Description: Mower #407 is a zero turn mowing unit that is used to maintain city properties. The high performance mower will help streamline cutting city greenspace in a safe and efficient manner.

Project Justification: Mowing unit exceeds normal life expectancy of 5 years. This unit is being replaced due to deteriorating physical condition. This mowing unit is used during the spring, summer and fall months. This unit improves the service in maintaining Shaker Heights greenspace and nuisance properties and lots.

Project Priority: 1 Low / 5 High 5

Mandates: -

Estimated Cost: \$17,500

Source of Estimate: Baker Vehicle Systems

Pre-purchased maintenance included: Yes No N/A

Pre-purchased maintenance cost: -

Disposition of Asset being replaced: Auction Trade-In Keep

Rationale: Replacing older mower unit #407.

Estimated Annual Operating Cost: -

Estimated Annual Operating Details: -

Can this item be shared with other municipalities? Yes No

If no, explain: -

CAPITAL PROJECT REQUEST FORM

Capital Budget Year: 2021

Type: New Renovation Expansion
 Replacement Repair Other

Department: Public Works - Equipment

Project Name: Hustler Mower 412 (2011 Super Z)

Project Location: City Wide

Project Description: Mower #412 is a zero turn mowing unit that is used to maintain city properties. The high performance mower will help streamline cutting city greenspace in a safe and efficient manner.

Project Justification: Mowing unit has exceeded normal life expectancy of 5 years. This unit is being replaced due to deteriorating physical condition and increased maintenance cost. This mowing unit will be use during the spring, summer and fall months. This unit will help improve the service we provide in maintaining Shaker Heights greenspace. Mower will also be used to maintain nuisance properties and numerous city lots.

Project Priority: 1 Low / 5 High 5

Mandates: -

Estimated Cost: \$17,500

Source of Estimate: Baker Vehicle Systems

Pre-purchased maintenance included: Yes No N/A

Pre-purchased maintenance cost: -

Disposition of Asset being replaced: Auction Trade-In Keep

Rationale: Replacing older mower unit #412.

Estimated Annual Operating Cost: -

Estimated Annual Operating Details: -

Can this item be shared with other municipalities? Yes No

If no, explain: -

CAPITAL PROJECT REQUEST FORM

Capital Budget Year: 2021

Type: New Renovation Expansion
 Replacement Repair Other

Department: Public Works - Equipment

Project Name: Brush/Leaf Trailer #65 (2009 Warren)

Project Location: City Wide

Project Description: Brush/Leaf Trailer #65 is a 2009 unit used year round in focusing mostly in brush and leaf. Used in brush/leaf department to haul all types of leaves and brush daily. Unit keeps debris from piling up at Service Center.

Project Justification: Unit has exceeds normal life expectancy and the 10 year equipment replacement plan. Unit being replaced due to deteriorating physical condition and increased maintenance cost. This brush trailer hauls leaves/brush to a facility daily that processes material into topsoil, humus and mulch on a daily basis.

Project Priority: 1 Low / 5 High 5

Mandates: -

Estimated Cost: \$85,000

Source of Estimate: Warren Trailer

Pre-purchased maintenance included: Yes No N/A

Pre-purchased maintenance cost: -

Disposition of Asset being replaced: Auction Trade-In Keep

Rationale: -

Estimated Annual Operating Cost: -

Estimated Annual Operating Details: -

Can this item be shared with other municipalities? Yes No

If no, explain: -

CAPITAL PROJECT REQUEST FORM

Capital Budget Year: 2021

Type: New Renovation Expansion
 Replacement Repair Other

Department: Public Works - Equipment

Project Name: Scooter – Diesel #103 (2012) Kubota RTV 1100

Project Location: City Wide

Project Description: Annual replacement of Scooters. The City replaces at least one scooter in year 2021. Scooter are equipped with a split back dump bed to carry both rubbish/recycling from residents backyards to the refuse truck.

Project Justification: Unit 103 exceeds normal life expectancy and has a 7-year equipment replacement Plan. During daily operations as many as 10 scooters are out servicing homes.

Project Priority: 1 Low / 5 High 4

Mandates: -

Estimated Cost: \$35,000

Source of Estimate: ABC Equipment

Pre-purchased maintenance included: Yes No N/A

Pre-purchased maintenance cost: -

Disposition of Asset being replaced: Auction Trade-In Keep

Rationale: Replace with new vehicle.

Estimated Annual Operating Cost: -

Estimated Annual Operating Details: -

Can this item be shared with other municipalities? Yes No

If no, explain: Unit is custom built for daily refuse work 60/40 split recycling/refuse.

CAPITAL PROJECT REQUEST FORM

Capital Budget Year: 2021

Type: New Renovation Expansion
 Replacement Repair Other

Department: Public Works - Equipment

Project Name: Single Axle Dump Truck 52 (2000 International 4900) Replacement

Project Location: City Wide

Project Description: Truck #52 is a 2000 Unit used year round in various departments. This is a multiple purpose vehicle used daily for all types of City related work.

Project Justification: Unit exceeds normal 10 year life expectancy. Replacement of the unit is due to deteriorating physical condition and increased maintenance cost. The 2000 Single Axle body dump truck is used for brush/leaf season, moving road plates, hauling hot mix asphalt for street repairs and clearing and maintaining City streets during all snow and ice events.

Project Priority: 1 Low / 5 High 5

Mandates: -

Estimated Cost: \$200,000

Source of Estimate: Concord Road

Pre-purchased maintenance included: Yes No N/A

Pre-purchased maintenance cost: -

Disposition of Asset being replaced: Auction Trade-In Keep

Rationale: Replace with new vehicle.

Estimated Annual Operating Cost: -

Estimated Annual Operating Details: -

Can this item be shared with other municipalities? Yes No

If no, explain: -

CAPITAL PROJECT REQUEST FORM

Capital Budget Year: 2021

Type: New Renovation Expansion
 Replacement Repair Other

Department: Public Works - Equipment

Project Name: Backhoe #210 (2004 CAT 420D)

Project Location: City Wide

Project Description: 2004 Caterpillar Backhoe performs various road and sewer work throughout the City. The unit is vital for digging on city streets (water leaks, sink holes CWD repairs) and sewer repairs (storm and sanitary laterals, curb drains, catch basin and sewer mains).

Project Justification: Unit exceeds 10-year equipment replacement plan. The backhoe maintains City streets and sewers and is an important piece of equipment to support our high level of service for residents. During winter months the unit is used to clear heavy snow from all RTA (Shaker and Van Aken) crossovers.

Project Priority: 1 Low / 5 High 5

Mandates: -

Estimated Cost: \$135,000

Source of Estimate: Ohio Cat

Pre-purchased maintenance included: Yes No N/A

Pre-purchased maintenance cost: -

Disposition of Asset being replaced: Auction Trade-In Keep

Rationale: Replace older Unit #210.

Estimated Annual Operating Cost: -

Estimated Annual Operating Details: -

Can this item be shared with other municipalities? Yes No

If no, explain: -

CAPITAL PROJECT REQUEST FORM

Capital Budget Year: 2021

Type: New Renovation Expansion
 Replacement Repair Other

Department: Public Works - Equipment

Project Name: Streets Utility Truck 29 (2006 Ford E-350)

Project Location: City Wide

Project Description: Truck 29 is a Streets Department daily utility work truck. This unit is responsible for the day to day work performed in and around all street and sewer work. This utility truck stores vital tools such as snake and sewer camera, PVC sewer pipe, concrete forming boards, safety barricades and various tools. Vehicle is on call 24/7 during all events and is especially important during storm/flooding events and for any/all sewer emergencies.

Project Justification: This unit has exceeded its normal life expectancy 10-year equipment replacement plan. Unit is used to store important street and sewer equipment for any city street/sewer maintenance work. Unit will help to improve the daily service we provide in maintaining the cities infrastructure.

Project Priority: 1 Low / 5 High 5

Mandates: -

Estimated Cost: \$60,000

Source of Estimate: State Cooperative Purchasing Program

Pre-purchased maintenance included: Yes No N/A

Pre-purchased maintenance cost: -

Disposition of Asset being replaced: Auction Trade-In Keep

Rationale: -

Estimated Annual Operating Cost: -

Estimated Annual Operating Details: -

Can this item be shared with other municipalities? Yes No

If no, explain: -

CAPITAL PROJECT REQUEST FORM

Capital Budget Year: 2021

Type: New Renovation Expansion
 Replacement Repair Other

Department: Public Works - Equipment

Project Name: Stake Body Truck #40 (2008) GMC 3500

Project Location: City Wide

Project Description: Stake Body Truck #40 is a 2008 unit. This particular piece of equipment is designed to be used by all departments: in grounds it is used to haul and remove hanging baskets in the spring and fall months and the many annual flowers and plants for all city plant beds. In streets the Stake Body Truck is use to haul all barricades for city road digs, various pipe for sewer repairs and also barricades for all block parties. It is also an important piece of equipment during any emergency event. (Flooding and downed trees). The truck is also a vital piece of equipment used to haul a number of yearly recycling events which includes the Computer and Household Hazardous Waste Round-Ups.

Project Justification: This unit has exceeded normal life expectancy 10 years. Replacing due to deteriorating physical condition and increased maintenance cost, body is rusting unit is failing to meet vehicle standards The stake body truck is used daily across all departments, this vital piece of equipment helps maintain and support our high level of service.

Project Priority: 1 Low / 5 High 5

Mandates: -

Estimated Cost: \$60,000

Source of Estimate: State Cooperative Purchasing Program

Pre-purchased maintenance included: Yes No N/A

Pre-purchased maintenance cost: -

Disposition of Asset being replaced: Auction Trade-In Keep

Rationale: Replacing 13 year old unit with new.

Estimated Annual Operating Cost: -

Estimated Annual Operating Details: -

Can this item be shared with other municipalities? Yes No

If no, explain: -

CAPITAL PROJECT REQUEST FORM

Capital Budget Year: 2021

Type: New Renovation Expansion
 Replacement Repair Other

Department: Public Works - Equipment

Project Name: Sewer Jet Truck #78 (2004) – Lease year one of five

Project Location: City Wide

Project Description: 5 Year Lease Jet Truck – year one

Project Justification: Sewer jet truck #78 involves pipe cleaning operations that are carried out throughout the year. The sewer cleaner is also use to vacuum all of the dirt and debris that is extracted from the city's storm and sanitary lines. All the solids and water removed this way are then disposed into a sludge tank. Regular city sewage cleaning ensures that the streets storm and sanitary drains run smoothly. Cleaning and maintaining sewer lines, catch basins, and storm sewers is essential to the welfare of our community. Effective sewer cleaning helps protect the environment by cleaning and maintaining sewer systems in order to help prevent overflows that could pollute fresh water resources.

Project Priority: 1 Low / 5 High 5

Mandates: -

Estimated Cost: \$59,500

Source of Estimate: Jack Doheny Supply

Pre-purchased maintenance included: Yes No N/A

Pre-purchased maintenance cost: -

Disposition of Asset being replaced: Auction Trade-In Keep

Rationale: Replacing with new vehicle

Estimated Annual Operating Cost: -

Estimated Annual Operating Details: -

Can this item be shared with other municipalities? Yes No

If no, explain: -

CAPITAL PROJECT REQUEST FORM

Capital Budget Year: 2021

Type: New Renovation Expansion
 Replacement Repair Other

Department: Public Works - Equipment

Project Name: Pick-Up Truck 21 (2011 Ford F350)

Project Location: City Wide

Project Description: Truck #21 is an 2011 and used year round for streets/sewer maintenance and snow and ice control including hauling miscellaneous tools, sewer pipe, catch basin equipment and safety supplies used in dig projects. Winter months this truck clears all City buildings parking lots of snow and ice.

Project Justification: This unit has exceeds normal life expectancy and has a 7 year replacement plan. Replacement is needed due to deteriorating physical condition and will assist in improving the customer services provided in maintaining City owned streets and sewers also snow and ice during winter conditions.

Project Priority: 1 Low / 5 High 4

Mandates: -

Estimated Cost: \$50,000

Source of Estimate: State Cooperative Purchasing Program

Pre-purchased maintenance included: Yes No N/A

Pre-purchased maintenance cost: -

Disposition of Asset being replaced: Auction Trade-In Keep

Rationale: -

Estimated Annual Operating Cost: -

Estimated Annual Operating Details: -

Can this item be shared with other municipalities? Yes No

If no, explain: -

CAPITAL PROJECT REQUEST FORM

Capital Budget Year: 2021

Type: New Renovation Expansion
 Replacement Repair Other

Department: Public Works - Equipment

Project Name: Sweeper (2017) – Elgin Broom Bear - Lease year five of five

Project Location: City Wide

Project Description: 5 Year Lease Street Sweeper – year five

Project Justification: Sweeper 1106 is designed to meet the most demanding municipal applications during street cleaning. Daily use of this vehicle will help the environment by removing debris, dirt and other material from our storm water catch basin and curbs daily maintenance of these areas help keep those items out of our lakes and streams. This unit is also used exclusively during leaf season to clean up leftover leaves during leaf removal on city streets.

Project Priority: 1 Low / 5 High 5

Mandates: -

Estimated Cost: \$45,000

Source of Estimate: Jack Doheny Supply

Pre-purchased maintenance included: Yes No N/A

Pre-purchased maintenance cost: -

Disposition of Asset being replaced: Auction Trade-In Keep

Rationale: -

Estimated Annual Operating Cost: -

Estimated Annual Operating Details: -

Can this item be shared with other municipalities? Yes No

If no, explain: -

CAPITAL PROJECT REQUEST FORM

Capital Budget Year: 2021

Type: New Replacement Renovation Repair Expansion Other

Department: Public Works - Equipment

Project Name: Sewer Snake Machine (2013)

Project Location: City Wide

Project Description: Sewer Snake Machine is a 2013 unit. The equipment is a gasoline powered sewer cleaner designed to clean 4"-14" diameter sewer lines up to 500ft. and ideal for inspections and cleaning maintenance of sanitary and storm laterals. This unit increases the cleaning capabilities during inspections and possible repairs of city storm and sanitary laterals.

Project Justification: This unit exceeds normal life expectancy of 5 years. The Streets/Sewer Dept. maintains city storm and sanitary laterals and this equipment is critical when inspection/cleaning is needed prior waterline replacement, scheduled street resurfacing projects or daily resident request. This unit helps maintain and support the high level of service for lateral sewer inspection and repair work.

Project Priority: 1 Low / 5 High 5

Mandates: -

Estimated Cost: \$9,000

Source of Estimate: Electric Eel MFG.

Pre-purchased maintenance included: Yes No N/A

Pre-purchased maintenance cost: -

Disposition of Asset being replaced: Auction Trade-In Keep

Rationale: Replacing 7 year old unit.

Estimated Annual Operating Cost: -

Estimated Annual Operating Details: -

Can this item be shared with other municipalities? Yes No

If no, explain: -

CAPITAL PROJECT REQUEST FORM

Capital Budget Year: 2021

Type: New Renovation Expansion
 Replacement Repair Other

Department: Public Works - Equipment

Project Name: Replacement 2.5 yard truck bed only #33 (2008 Ford F550)

Project Location: City Wide

Project Description: Truck bed on truck #33 is a 2.5 yard hydraulic lift dump body. This Truck performs street/sewer related work. This truck bed hauls cold patch asphalt in colder months to fill pot holes, and carry brick, mortar, sand, soil, stone and various tools for smaller street or sewer projects.

Project Justification: Truck bed has exceeded its normal life expectancy of 10 years. The dump bed is being replaced due to deterioration and poor physical condition also increased maintenance cost. Truck bed is used year round, the bed will help improve the service we provide during street and sewer work.

Project Priority: 1 Low / 5 High 5

Mandates: -

Estimated Cost: \$7,500

Source of Estimate: Best Truck

Pre-purchased maintenance included: Yes No N/A

Pre-purchased maintenance cost: -

Disposition of Asset being replaced: Auction Trade-In Keep

Rationale: Truck bed is full of holes and rusted throughout.

Estimated Annual Operating Cost: -

Estimated Annual Operating Details: -

Can this item be shared with other municipalities? Yes No

If no, explain: -

CAPITAL PROJECT REQUEST FORM

Capital Budget Year: 2021

Type: New Renovation Expansion
 Replacement Repair Other

Department: Public Works - Equipment

Project Name: Replacement 2.5 yard truck bed only #43 (2007 Ford F550)

Project Location: City Wide

Project Description: The bed on truck #43 is a 2.5 yard hydraulic lift dump body and performs street and sewer related work. The truck bed hauls cold patch asphalt in the colder months to fill pot holes and the dump bed carries brick, mortar, sand, soil, stone and various tools for smaller street or sewer projects.

Project Justification: Truck bed exceeds its normal life expectancy of 10 years. The dump bed is being replaced due to deterioration and poor physical condition. The truck bed is used throughout the year assisting in the service provided with street and sewer work.

Project Priority: 1 Low / 5 High 4

Mandates: -

Estimated Cost: \$7,500

Source of Estimate: Best Truck

Pre-purchased maintenance included: Yes No N/A

Pre-purchased maintenance cost: -

Disposition of Asset being replaced: Auction Trade-In Keep

Rationale: Truck bed is full of holes and rusted throughout.

Estimated Annual Operating Cost: -

Estimated Annual Operating Details: -

Can this item be shared with other municipalities? Yes No

If no, explain: -

CAPITAL PROJECT REQUEST FORM

Capital Budget Year: 2021

Type: New Renovation Expansion
 Replacement Repair Other

Department: Public Works - Equipment

Project Name: Chipper Machine 701 (2000 Woodchuck)

Project Location: City Wide

Project Description: Chipper #701 is a 2000 Unit used by our Forestry Department. The unit maintains all city trees including dead trees, hazardous limbs and downed trees. Chipper unit is an important piece of equipment in maintaining all city trees of various shapes and sizes. Unit will be able to chip up branches and logs up to 15" in diameter.

Project Justification: Unit exceeds normal life expectancy with a 10-year equipment replacement plan Replacement due to deteriorating physical condition with body rust. Standards parts are no longer available This unit is vital in clearing/cleaning up many tree projects and is used year round.

Project Priority: 1 Low / 5 High 5

Mandates: -

Estimated Cost: \$75,000

Source of Estimate: Vermeer Sales

Pre-purchased maintenance included: Yes No N/A

Pre-purchased maintenance cost: -

Disposition of Asset being replaced: Auction Trade-In Keep

Rationale: Replacing with new unit.

Estimated Annual Operating Cost: -

Estimated Annual Operating Details: -

Can this item be shared with other municipalities? Yes No

If no, explain: -

Public Works Department - Streets

| | <u>2021</u> |
|--------------------|-----------------------------------|
| Street Resurfacing | \$ 1,992,500 |
| Bike Striping | 7,500 |
| Total | <u><u>\$ 2,000,000</u></u> |

CAPITAL PROJECT REQUEST FORM

Capital Budget Year: 2021

Type: New Renovation Expansion
 Replacement Repair Other

Department: Public Works - Streets

Project Name: Street Resurfacing

Project Location: Various

Project Description: The project will entail the removal of 3-inches of asphalt, installation of intermediate & surface asphalt, adjustment of existing utilities casting, replacement of curb & aprons (as required), installation of ADA Curb ramps and pavement markings. 2021 funds will also be used to resurface WCR.

Project Justification: Asphalt roads have a useful life of 15 years (+/-). This program is intended to increase safety, rehabilitate the transportation system and reduce maintenance costs.

Project Priority: 1 Low / 5 High 5

Mandates: Infrastructure Maintenance

Estimated Cost: \$1,992,500

Source of Estimate: City staff / historical cost data.

Pre-purchased maintenance included: Yes No N/A

Pre-purchased maintenance cost: -

Disposition of Asset being replaced: Auction Trade-In Keep

Rationale: -

Estimated Annual Operating Cost: -

Estimated Annual Operating Details: -

Can this item be shared with other municipalities? Yes No

If no, explain: -

CAPITAL PROJECT REQUEST FORM

Capital Budget Year: 2021

Type: New Renovation Expansion
 Replacement Repair Other

Department: Public Works - Streets

Project Name: Bike Striping

Project Location: Various

Project Description: The project will entail the re-painting of existing bike pavement markings.

Project Justification: Pavement markings generally last one year. This project will repaint existing bike pavement markings to help ensure the safety of bicycle riders & motorists.

Project Priority: 1 Low / 5 High 5

Mandates: Infrastructure Maintenance

Estimated Cost: \$7,500

Source of Estimate: City staff / historical cost data.

Pre-purchased maintenance included: Yes No N/A

Pre-purchased maintenance cost: -

Disposition of Asset being replaced: Auction Trade-In Keep

Rationale: -

Estimated Annual Operating Cost: -

Estimated Annual Operating Details: -

Can this item be shared with other municipalities? Yes No

If no, explain: -

Public Works Department - Sewers

| | <u>2021</u> |
|---|----------------------------|
| Sewer Improvements & Lining | \$ 1,787,500 |
| SSO 11 (Lynnfield/Lomond) Control Projects Design | 225,000 |
| Outfall Source Tracking & Elimination | 100,000 |
| Total | <u>\$ 2,112,500</u> |

CAPITAL PROJECT REQUEST FORM

Capital Budget Year: 2021

Type: New Renovation Expansion
 Replacement Repair Other

Department: Public Works - Sewers

Project Name: Sewer Improvements & Lining

Project Location: Various & Continuation of work in the Northeast Quadrant.

Project Description: Internal inspection of sewers, spot repairs of structurally damaged pipe, Installation of cured-in-pipe, rehabilitation of manholes.

Project Justification: The primary goals of the sewer program are to provide structural integrity to aging Infrastructure, reduce infiltration and inflow and reduce the frequency of basement backups.

Project Priority: 1 Low / 5 High 5

Mandates: -

Estimated Cost: \$1,787,500

Source of Estimate: City staff / historical cost data.

Pre-purchased maintenance included: Yes No N/A

Pre-purchased maintenance cost: -

Disposition of Asset being replaced: Auction Trade-In Keep

Rationale: -

Estimated Annual Operating Cost: -

Estimated Annual Operating Details: -

Can this item be shared with other municipalities? Yes No

If no, explain: The sewers are owned by the City and are responsible the maintenance and operating costs.

CAPITAL PROJECT REQUEST FORM

Capital Budget Year: 2021

Type: New Renovation Expansion
 Replacement Repair Other

Department: Public Works - Sewers

Project Name: SSO 11 (Lynnfield / Lomond) Control Projects Design

Project Location: Lynnfield, Lomond & Sherrington

Project Description: This is a design project that will minimize the number of SSO activations at Lynnfield / Lomond). The project will include inspection, flow monitoring, hydraulic modeling and Development of construction documents.

Project Justification: Sanitary Sewer Overflows occur during wet weather events causing sanitary flow To be discharged into the environment. The intent of this project is to control the number of activations to a 10-year, 1-hour event. A secondary benefit is a potential reduction of basement backups within the sewershed.

Project Priority: 1 Low / 5 High 5

Mandates: The City is required by the EPA to address SSOs.

Estimated Cost: \$225,000 One-half of the appropriation will be covered by NEORD grant

Source of Estimate: City Engineer

Pre-purchased maintenance included: Yes No N/A

Pre-purchased maintenance cost: -

Disposition of Asset being replaced: Auction Trade-In Keep

Rationale: -

Estimated Annual Operating Cost: -

Estimated Annual Operating Details: -

Can this item be shared with other municipalities? Yes No

If no, explain: -

CAPITAL PROJECT REQUEST FORM

Capital Budget Year: 2021

Type: New Renovation Expansion
 Replacement Repair Other

Department: Public Works - Sewers

Project Name: Outfall Source Tracking & Elimination

Project Location: Various

Project Description: The project will entail field investigations to include internal inspections of the sewer, dye & smoke testing, review of existing data, development and implementation to eliminate Illicit Discharges into the environment.

Project Justification: As part of our EPA MS4 permit, the Cuyahoga County Board of Health inspects and reports illicit discharges from outfall throughout the city. Illicit discharges are an environmental and health hazard. The purpose of the project is to eliminate these illicit discharges.

Project Priority: 1 Low / 5 High 5

Mandates: The City is required by the EPA to address IDDE.

Estimated Cost: \$100,000

Source of Estimate: City Staff & historical cost data

Pre-purchased maintenance included: Yes No N/A

Pre-purchased maintenance cost: -

Disposition of Asset being replaced: Auction Trade-In Keep

Rationale: -

Estimated Annual Operating Cost: -

Estimated Annual Operating Details: -

Can this item be shared with other municipalities? Yes No

If no, explain: The City owns the sewers & outfalls and is responsible for maintenance & operating costs.

Public Works Department - Building Maintenance

| | <u>2021</u> |
|--|----------------------------|
| General Building Maintenance and Repair | |
| Consulting Engineer Services | \$ 8,000 |
| City Hall | |
| City Hall Exterior Painting | \$ 65,000 |
| Council Chambers HVAC | 60,000 |
| City Hall Window Well Waterproofing | 30,000 |
| Fire Station #2 | |
| Fire #2 HVAC & Roof Hatch | \$ 40,000 |
| Fire #2 Tuck Pointing | 40,000 |
| Police/Court Building | |
| Police/Court Generator | 250,000 |
| Police/Court Regrade Repave North Lot | \$ 225,000 |
| Fire Station #1 | |
| Fire #1 HVAC | \$ 200,000 |
| Fire #1 Exterior Painting | 15,000 |
| The Dealership (3558 Lee Road) | |
| Dealership Tuck Pointing - Additional Funds | \$ 40,000 |
| Miscellaneous | |
| Repave S. Chagrin Business District Parking Lot – East | \$ 120,000 |
| Total | <u>\$ 1,093,000</u> |

CAPITAL PROJECT REQUEST FORM

Capital Budget Year: 2021

Type: New Renovation Expansion
 Replacement Repair Other

Department: Public Works - Building Maintenance

Project Name: Consulting Engineer

Project Location: Various - TBD

Project Description: Provide professional engineering service to assist with the City's infrastructure and facility projects.

Project Justification: This enables all City departments access to our Consulting Engineer for various needs and support throughout the City.

Project Priority: 1 Low / 5 High 5

Mandates: Provide Engineering assistance when needed.

Estimated Cost: \$8,000

Source of Estimate: Proposal

Pre-purchased maintenance included: Yes No N/A

Pre-purchased maintenance cost: -

Disposition of Asset being replaced: Auction Trade-In Keep

Rationale: -

Estimated Annual Operating Cost: -

Estimated Annual Operating Details: -

Can this item be shared with other municipalities? Yes No

If no, explain: -

CAPITAL PROJECT REQUEST FORM

Capital Budget Year: 2021

Type: New Renovation Expansion
 Replacement Repair Other

Department: Public Works - Building Maintenance

Project Name: Exterior Painting

Project Location: City Hall – 3400 Lee Rd.

Project Description: Remove peeling paint from the exterior wood trim around the buildings windows and doors. Any lead paint will need to be abated as required. The surfaces shall be primed, caulked and painted to match existing colors. Wood repairs will also be performed as required.

Project Justification: The building's exterior wood trim paint is peeling allowing moisture damage to occur to wood surfaces. To protect wood surface from additional weather damage, exposed wood surfaces should be protected by application of paint along with wood repairs.

Project Priority: 1 Low / 5 High 4

Mandates: City asset protection.

Estimated Cost: \$65,000

Source of Estimate: City personnel

Pre-purchased maintenance included: Yes No N/A

Pre-purchased maintenance cost: -

Disposition of Asset being replaced: Auction Trade-In Keep

Rationale: -

Estimated Annual Operating Cost: -

Estimated Annual Operating Details: -

Can this item be shared with other municipalities? Yes No

If no, explain: -

CAPITAL PROJECT REQUEST FORM

Capital Budget Year: 2021

Type: New Replacement Renovation Repair Expansion Other

Department: Public Works - Building Maintenance

Project Name: Council Chambers HVAC Replacement

Project Location: City Hall – 3400 Lee Rd.

Project Description: Replace the existing Council Chambers HVAC system. The air handling unit in the attic and the condenser unit on the roof have exceeded their lifecycle. Fresh air intake, electronic controls and other system modifications will be added.

Project Justification: Poor air circulation and air quality affects Council Chambers. The equipment has exceeded its life expectancy. The existing system is very loud when operating and inefficient.

Project Priority: 1 Low / 5 High 4

Mandates: Health & Safety

Estimated Cost: \$60,000

Source of Estimate: Contractor

Pre-purchased maintenance included: Yes No N/A

Pre-purchased maintenance cost: -

Disposition of Asset being replaced: Auction Trade-In Keep

Rationale: -

Estimated Annual Operating Cost: -

Estimated Annual Operating Details: -

Can this item be shared with other municipalities? Yes No

If no, explain: -

CAPITAL PROJECT REQUEST FORM

Capital Budget Year: 2021

Type: New Renovation Expansion
 Replacement Repair Other

Department: Public Works - Building Maintenance

Project Name: Waterproofing Window Wells

Project Location: City Hall – 3400 Lee Rd.

Project Description: Waterproof the masonry window wells. Repair some of the well drains.

Project Justification: The existing window wells are below grade. Cracks are allowing water infiltration through the masonry walls. The water infiltration is occurring allowing water to damage the interior of the building's walls and foundation. Waterproofing masonry window wells will stop damage.

Project Priority: 1 Low / 5 High 4

Mandates: City asset protection, health & safety.

Estimated Cost: \$30,000

Source of Estimate: City personnel

Pre-purchased maintenance included: Yes No N/A

Pre-purchased maintenance cost: -

Disposition of Asset being replaced: Auction Trade-In Keep

Rationale: -

Estimated Annual Operating Cost: -

Estimated Annual Operating Details: -

Can this item be shared with other municipalities? Yes No

If no, explain: -

CAPITAL PROJECT REQUEST FORM

Capital Budget Year: 2021

Type: New Replacement Renovation Repair Expansion Other

Department: Public Works - Building Maintenance

Project Name: HVAC and Roof Hatch Replacement

Project Location: Fire Station #2 – 2801 Warrensville Center Road

Project Description: Replace the existing HVAC units, ductwork and controls. Replace the roof hatch to aid in maintenance access to the HVAC units.

Project Justification: The existing HVACs have exceeded their life expectancy and are inefficient. The units leak water into the Station. New units will be more efficient and reliable. A new roof hatch will make maintenance access easier and limit water intrusion.

Project Priority: 1 Low / 5 High 4

Mandates: Health & safety.

Estimated Cost: \$40,000

Source of Estimate: City personnel

Pre-purchased maintenance included: Yes No N/A

Pre-purchased maintenance cost: -

Disposition of Asset being replaced: Auction Trade-In Keep

Rationale: -

Estimated Annual Operating Cost: -

Estimated Annual Operating Details: -

Can this item be shared with other municipalities? Yes No

If no, explain: -

CAPITAL PROJECT REQUEST FORM

Capital Budget Year: 2021

Type: New Renovation Expansion
 Replacement Repair Other

Department: Public Works - Building Maintenance

Project Name: Fire Station #2 Tuck Pointing Masonry Repairs

Project Location: Fire Station #2 – 2801 Warrensville Center Road

Project Description: Provide masonry tuck pointing repairs. Some window or door lintels will be repaired or replaced.

Project Justification: Masonry repairs will provide preventative maintenance for reducing additional costly repairs and prevent water infiltration damage.

Project Priority: 1 Low / 5 High 4

Mandates: Preventative maintenance

Estimated Cost: \$40,000

Source of Estimate: City personnel

Pre-purchased maintenance included: Yes No N/A

Pre-purchased maintenance cost: -

Disposition of Asset being replaced: Auction Trade-In Keep

Rationale: -

Estimated Annual Operating Cost: -

Estimated Annual Operating Details: -

Can this item be shared with other municipalities? Yes No

If no, explain: -

CAPITAL PROJECT REQUEST FORM

Capital Budget Year: 2021

Type: New Renovation Expansion
 Replacement Repair Other

Department: Public Works - Building Maintenance

Project Name: Generator Replacement & Upgrade

Project Location: Police/Court - 3355 Lee Rd.

Project Description: Replace the existing generator with a unit which can meet the needs of both the Police Department and Municipal Court. Replace the transfer switch and adjust electrical feeders.

Project Justification: The generator is needed for the proper operation of the Police Department and The Municipal Court. The current generator is undersized and cannot provide the power requirements needed for continual operations during an emergency event.

Project Priority: 1 Low / 5 High 5

Mandates: Public health & safety, security

Estimated Cost: \$250,000

Source of Estimate: Contractor

Pre-purchased maintenance included: Yes No N/A

Pre-purchased maintenance cost: -

Disposition of Asset being replaced: Auction Trade-In Keep

Rationale: -

Estimated Annual Operating Cost: -

Estimated Annual Operating Details: -

Can this item be shared with other municipalities? Yes No

If no, explain: -

CAPITAL PROJECT REQUEST FORM

Capital Budget Year: 2021

Type: New Renovation Expansion
 Replacement Repair Other

Department: Public Works - Building Maintenance

Project Name: Regrade and Repave North Parking Lot

Project Location: Police/Court - 3355 Lee Rd.

Project Description: The existing asphalt parking lot will be removed, the substrate regraded to ensure proper drainage and new asphalt will be installed. The lot is used by the Police Department, Court Building staff and the general public. The project will include new parking striping lines and ADA symbols.

Project Justification: The existing north parking lot requires ongoing maintenance for asphalt repairs. There is extensive cracking due to age and subbase failures are occurring. The parking lot is in poor condition having numerous potholes and cracking and should be repaved to correct the conditions.

Project Priority: 1 Low / 5 High 4

Mandates: City asset protection

Estimated Cost: \$225,000

Source of Estimate: City personnel

Pre-purchased maintenance included: Yes No N/A

Pre-purchased maintenance cost: -

Disposition of Asset being replaced: Auction Trade-In Keep

Rationale: -

Estimated Annual Operating Cost: -

Estimated Annual Operating Details: -

Can this item be shared with other municipalities? Yes No

If no, explain: -

CAPITAL PROJECT REQUEST FORM

Capital Budget Year: 2021

Type: New Renovation Expansion
 Replacement Repair Other

Department: Public Works - Building Maintenance

Project Name: Building Automation System (HVAC Controls) Replacement

Project Location: Fire Station #1 – 17000 Chagrin Blvd.

Project Description: Replace the building automation system (HVAC controls). Replace the control wiring and other HVAC equipment found deficient during the project such as Variable Air Volume (VAV) boxes, fans or lighting relays.

Project Justification: The manufacturer of the Building Automation System (BAS) is defunct. Parts are no longer available for the system. System replacement will significantly reduce the annual maintenance costs, reduce energy costs and improve the ability to control the heating and cooling of the building including dorms.

Project Priority: 1 Low / 5 High 5

Mandates: Health & safety

Estimated Cost: \$200,000

Source of Estimate: Contractor

Pre-purchased maintenance included: Yes No N/A

Pre-purchased maintenance cost: -

Disposition of Asset being replaced: Auction Trade-In Keep

Rationale: -

Estimated Annual Operating Cost: -

Estimated Annual Operating Details: -

Can this item be shared with other municipalities? Yes No

If no, explain: -

CAPITAL PROJECT REQUEST FORM

Capital Budget Year: 2021

Type: New Renovation Expansion
 Replacement Repair Other

Department: Public Works - Building Maintenance

Project Name: Fire Station #1 Exterior Painting

Project Location: Fire Station #1 – 17000 Chagrin Blvd.

Project Description: Remove peeling paint from exterior surfaces around building perimeter. The surfaces shall be primed, caulked and painted to match existing colors.

Project Justification: The building's exterior surfaces are peeling allowing moisture damage to occur. To protect the surfaces from additional weather damages, the surfaces should be protected by application of paint.

Project Priority: 1 Low / 5 High 4

Mandates: City asset protection

Estimated Cost: \$15,000

Source of Estimate: City personnel

Pre-purchased maintenance included: Yes No N/A

Pre-purchased maintenance cost: -

Disposition of Asset being replaced: Auction Trade-In Keep

Rationale: -

Estimated Annual Operating Cost: -

Estimated Annual Operating Details: -

Can this item be shared with other municipalities? Yes No

If no, explain: -

CAPITAL PROJECT REQUEST FORM

Capital Budget Year: 2021

Type: New Renovation Expansion
 Replacement Repair Other

Department: Public Works - Building Maintenance

Project Name: Tuck Pointing Repairs – Additional Funds

Project Location: The Dealership – 3558 Lee Rd.

Project Description: Perform masonry restoration including re-pointing and brick replacement to the exterior perimeter of the building.

Project Justification: The need for additional masonry restoration work has been determined during design review. The additional funds will provide expanded repairs to the approved 2020 "Dealership Masonry Repairs" of \$30,000. Water is leaking into the walls and the garage area. The project will stop water intrusion.

Project Priority: 1 Low / 5 High 4

Mandates: Safety; asset protection

Estimated Cost: \$40,000 Total Project \$70,000

Source of Estimate: City personnel

Pre-purchased maintenance included: Yes No N/A

Pre-purchased maintenance cost: -

Disposition of Asset being replaced: Auction Trade-In Keep

Rationale: -

Estimated Annual Operating Cost: -

Estimated Annual Operating Details: -

Can this item be shared with other municipalities? Yes No

If no, explain: -

CAPITAL PROJECT REQUEST FORM

Capital Budget Year: 2021

Type: New Renovation Expansion
 Replacement Repair Other

Department: Public Works - Building Maintenance

Project Name: Repave South Chagrin Business District Parking Lot – East Section

Project Location: South Chagrin Business District – Chagrin Blvd.

Project Description: The existing City owned parking lot will be resurfaced and restriped. The parking lot is located behind business addresses 16828 to 16834 and adjacent to Fire Station No.1. The existing asphalt will be removed and replaced. The project will include new parking striping lines and ADA symbols.

Project Justification: The City owned parking lot requires ongoing maintenance for asphalt repairs. There is extensive cracking due to age and subbase failures are occurring. The parking lot is in poor condition having numerous potholes and cracking and should be repaved to correct the conditions.

Project Priority: 1 Low / 5 High 3

Mandates: City asset protection

Estimated Cost: \$120,000

Source of Estimate: City personnel

Pre-purchased maintenance included: Yes No N/A

Pre-purchased maintenance cost: -

Disposition of Asset being replaced: Auction Trade-In Keep

Rationale: -

Estimated Annual Operating Cost: -

Estimated Annual Operating Details: -

Can this item be shared with other municipalities? Yes No

If no, explain: -

Recreation Department

| | <u>2021</u> |
|-------------------------------|--------------------------------|
| Ice Arena Compressor Overhaul | \$ 25,000 |
| Total | <u><u>\$ 25,000</u></u> |

CAPITAL PROJECT REQUEST FORM

Capital Budget Year: 2021

Type: New Renovation Expansion
 Replacement Repair Other

Department: Recreation

Project Name: Ice Arena – Compressor Overhaul

Project Location: Thornton Park Ice Arena

Project Description: The current ice rink compressor units are 10 years old and requires internal overhaul to replace bearings which will add 10 additional years of useful life. Compressor #1 is the primary unit and Unit #2 will require the same reconditioning of the bearings in 2022.

Project Justification: Failure to recondition the bearings will lead to the failure of the unit and will cause undue wear on the second unit. Both compressors are required to maintain the ice temperature during warm seasons.

Project Priority: 1 Low / 5 High 5

Mandates: -

Estimated Cost: \$25,000

Source of Estimate: Tempest Inc. – manufactured and installed the units in 2010

Pre-purchased maintenance included: Yes No N/A

Pre-purchased maintenance cost: -

Disposition of Asset being replaced: Auction Trade-In Keep

Rationale: -

Estimated Annual Operating Cost: -

Estimated Annual Operating Details: -

Can this item be shared with other municipalities? Yes No

If no, explain: -

Information Technology Department

| | <u>2021</u> |
|--|--------------------------|
| Computer Workstation Replacements | \$ 125,000 |
| Software Replacement and Upgrade Assurance | 35,000 |
| Antivirus Software | 20,000 |
| Internet Monitoring System | 20,000 |
| Total | <u>\$ 200,000</u> |

CAPITAL PROJECT REQUEST FORM

Capital Budget Year: 2021

Type: New Renovation Expansion
 Replacement Repair Other

Department: Information Technology

Project Name: Computer Workstation Replacements

Project Location: Various

Project Description: Replacement of 65 employee computer workstations. Project includes standard operating software and accessories. The units are replaced according to a 2010 5-year life cycle policy, including 30 computers to laptop computers with office docking solution.

Project Justification: Aged machines lack reliability. Expired warranties result in increased maintenance costs and the loss of productivity during repair. To minimize risk a hardware refresh is warranted. Conversion to laptops makes easier transition to working from home.

Project Priority: 1 Low / 5 High 3

Mandates: -

Estimated Cost: \$125,000

Source of Estimate: In-house based on standard cost multiplied by number of systems. Less available funds from previous year's replacement purchase.

Pre-purchased maintenance included: Yes No N/A

Pre-purchased maintenance cost: Est. \$200/system

Disposition of Asset being replaced: Auction Trade-In Keep

Rationale: No longer of administrative value.

Estimated Annual Operating Cost: -

Estimated Annual Operating Details: -

Can this item be shared with other municipalities? Yes No

If no, explain: No sharing. Used by employees full time and software is proprietary.

CAPITAL PROJECT REQUEST FORM

Capital Budget Year: 2021

Type: New Renovation Expansion
 Replacement Repair Other

Department: Information Technology

Project Name: Software Replacement and Upgrade Assurance

Project Location: Various

Project Description: This project provides funds for replacement/upgrade for newer version of current used software products or acquire newly released software needed to perform work. Funds the Microsoft software maintenance contract and purchase additional required software.

Project Justification: Out-of-date or incompatible software with hardware can result in users unable to perform their duties. Supporting a variety of versions of software/products increases technical support costs and reduces employee productivity. IT coordinates Microsoft's Software Assurance program which reduces software costs and ensures access to Microsoft's products.

Project Priority: 1 Low / 5 High 4

Mandates: -

Estimated Cost: \$35,000

Source of Estimate: Contract amount plus past history of additional requirements.

Pre-purchased maintenance included: Yes No N/A

Pre-purchased maintenance cost: -

Disposition of Asset being replaced: Auction Trade-In Keep

Rationale: -

Estimated Annual Operating Cost: -

Estimated Annual Operating Details: -

Can this item be shared with other municipalities? Yes No

If no, explain: Proprietary software is licensed not owned.

CAPITAL PROJECT REQUEST FORM

Capital Budget Year: 2021

Type: New Renovation Expansion
 Replacement Repair Other

Department: Information Technology

Project Name: Antivirus Software Replacement

Project Location: IT Server Room

Project Description: Replace the enterprise software which prevents computer viruses on network servers and computers. Software replacement and virus definition subscription.

Project Justification: A critical application to reduce/eliminate business disruption or data destruction due to malicious computer programs aka computer viruses. To keep abreast of new viruses, current software is a must, through a 1 to 3 year subscription that updates both virus definitions and software periodically. Maintenance required to address new or ongoing threats.

Project Priority: 1 Low / 5 High 3

Mandates: -

Estimated Cost: \$20,000

Source of Estimate: Based on 2018 price of current package & licenses required.

Pre-purchased maintenance included: Yes No N/A

Pre-purchased maintenance cost: Maintenance

Disposition of Asset being replaced: Auction Trade-In Keep

Rationale: -

Estimated Annual Operating Cost: -

Estimated Annual Operating Details: -

Can this item be shared with other municipalities? Yes No

If no, explain: Proprietary software.

CAPITAL PROJECT REQUEST FORM

Capital Budget Year: 2021

Type: New Renovation Expansion
 Replacement Repair Other

Department: Information Technology

Project Name: Internet Monitoring System Replacement

Project Location: IT Server Room

Project Description: Replace existing internet tracking system on City network. This project provides for replacement of the hardware, software, license acquisition and required subscription service needed to properly operate the system.

Project Justification: This system serves to reduce misuse of resources and provides additional security against rogue software. The system reduces the amount of administrative time needed to manage this resource.

Project Priority: 1 Low / 5 High 1

Mandates: -

Estimated Cost: \$20,000

Source of Estimate: Projection based upon previous replacement project.

Pre-purchased maintenance included: Yes No N/A

Pre-purchased maintenance cost: \$15,000

Disposition of Asset being replaced: Auction Trade-In Keep

Rationale: Old system of no value w/o software subscription.

Estimated Annual Operating Cost: \$0

Estimated Annual Operating Details: -

Can this item be shared with other municipalities? Yes No

If no, explain: Proprietary software.

Planning Department

| | <u>2021</u> |
|---|-------------------------|
| Joint Facilities Plan (Forward Together) - City Share | \$ 50,000 |
| Total | <u>\$ 50,000</u> |

CAPITAL PROJECT REQUEST FORM

Capital Budget Year: 2021

Type: New Renovation Expansion
 Replacement Repair Other

Department: Planning

Project Name: Joint Facilities Plan (Forward Together) - City Share

Project Location: City Wide

Project Description: The Forward Together Vision Plan was completed in early 2020. The second phase of the plan is a Joint Facilities plan which will examine needs and facilities owned by the city, schools, and library in a coordinated effort.

Project Justification: To make the best use of assets and facilities, a coordinated plan is needed.

Project Priority: 1 Low / 5 High 4

Mandates: -

Estimated Cost: \$50,000 City share \$50,000, total plan \$100,000+

Source of Estimate: Planning Department

Pre-purchased maintenance included: Yes No N/A

Pre-purchased maintenance cost: -

Disposition of Asset being replaced: Auction Trade-In Keep

Rationale: -

Estimated Annual Operating Cost: -

Estimated Annual Operating Details: -

Can this item be shared with other municipalities? Yes No

If no, explain: -