

PUBLIC WORKS COMMITTEE MEETING MONDAY, November 28, 2022 – 5:00 P.M. CITY HALL – COUNCIL CHAMBER CONFERENCE ROOM MINUTES

I. ROLL CALL/CALL TO ORDER

Chairman Preschlack called the meeting to order at 5:00 P.M. Alderman Nancy Novit was in attendance. Alderman Ted Notz was in attendance remotely.

Staff attending the meeting included Michael Thomas, Director of Public Works; Dan Martin, Superintendent of Public Works; Byron Kutz, Superintendent of Engineering; Pete Siebert, Fire Chief; Ron Gramer, Fleet Supervisor and Jim Lockefer, Assistant to the Director of Public Works.

II. ASSET, INFRASTRUCTURE, & SERVICE HIGHLIGHTS – SNOW OPERATIONS PROGRAM

Director Thomas reviewed the below summary presentation slides on the topic.

SNOW OPERATIONS

- Joint team effort by Public Works, Parks, and Forestry
 - 40 fulltime / 6 seasonal employees
- Snow Operations handles:
 - 240 miles of paved roadway
 - 37 lane miles of Illinois Routes 43 and 60
 - 105 miles of sidewalks
 - 29 parking lots
 - Both train station platforms
 - 17 city buildings / properties
 - 11 bridge decks
 - 7 bike / pedestrian paths

SNOW REMOVAL PRIORITIES

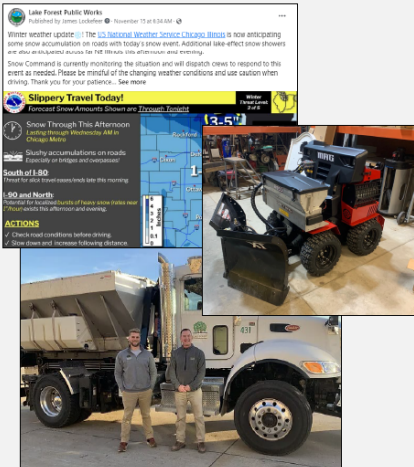
When snow and ice removal need to be prioritized during a big weather event, here's how the City of Lake Forest prioritizes resources:

- 1 **CITY STREETS**
All city streets and Rte 43 from Rte 176 to Rte 22 and Rte 60 from Rte 41 to Field Dr
- 2 **CITY PARKING LOTS AND TRAIN STATION PLATFORMS**
- 3 **SIDEWALKS**
1st: sidewalks along the bike path adjacent to McKinley Rd and sidewalks within .25 mile of schools. 2nd: all remaining sidewalks
- 4 **PEDESTRIAN BRIDGE SIDEWALKS**
- 5 **COMPOST & RECYCLING CENTER**
- 6 **WEST PARK ICE RINK**
- 7 **CENTRAL BUSINESS DISTRICT HAULING**
Hauling snow piles to ensure businesses and shoppers have access

Visit cityoflakeforest.com/Snow for more information.

SNOW OPERATIONS

- Recent initiatives / innovations implemented:
 - Snow event resident communications
 - WhenToWork snow event scheduling application
 - Snowrator equipment purchase (platforms & ice ponds)
 - Live weather data / pavement temperature system (Frost Solutions)
 - Route tracking software (pilot program that did not move forward)
- Initiatives / innovations underway:
 - Cartograph work order system
 - Full street route evaluation / recommendation report



The Committee and City staff discussed the City's agreement with the State for Route 60 and 43 snow removal services and City staff communication efforts with residents on snow events and removal efforts.

III. NEW BUSINESS / ACTION ITEMS

1. APPROVAL OF THE AUGUST 22, 2022 PUBLIC WORKS COMMITTEE MEETING MINUTES

Alderman Novit moved to approve the August 22, 2022 Public Works Committee meeting minutes. Alderman Notz seconded the motion, which carried unanimously.



2. REVIEW AND RECOMMEND APPROVAL TO CITY COUNCIL AWARD OF THE SAND NOURISHMENT PROJECT BID

Assistant to the Director Lockfeer reviewed the below summary presentation slide on the topic.

THREE-YEAR GENERATOR MAINTENANCE CONTRACT

- The City has thirteen emergency generators that provide backup power in the event of a power outage to critical City facilities; contract includes biannual maintenance and annual load bank testing for all units
- Since 2016, the City has entered into two consecutive three-year contracts with a generator maintenance service firm via a Municipal Partnership Initiative bid process
- 2021 joint bid process included Villages of Buffalo Grove, Glenview, Kenilworth, Highland Park, Mount Prospect, Northbrook, and Palatine
 - City did not participate in 2021; current agreement under contract through 2022
- Midwest Power Industries, Inc. was the only firm that submitted a bid; all participating Villages executed agreements
- City recently obtained the below three-year pricing from Midwest Power Industries

2023	2024	2025	TOTAL
\$24,025	\$26,975	\$26,975	\$77,975
- Starting in 2024 two new generators will be added to contract: Oak Knoll and Deerpath Pump Stations (reflected in pricing)
- Midwest Power Industries held last City and MPI three-year agreements; all very positive experiences
- Contract funded through multiple operating building budgets
- Action Requested: PW Committee Recommends City Council Award of Proposal to Midwest Power Industries, Inc. for a Three-Year Generator Maintenance Contract in the amount of \$77,975**



The Committee and City staff discussed the generators that are serviced through the contract.

Alderman Notz moved to recommend approval to City Council award of proposal to Midwest Power Industries, Inc. for a three-year generator maintenance contract in the amount of \$77,975. Alderman Novit seconded the motion, which carried unanimously.

3. REVIEW AND RECOMMEND APPROVAL TO CITY COUNCIL AWARD OF ADDITIONAL PHASE I DESIGN ENGINEERING SERVICES FOR THE ROUTE 60 BIKE PATH PROJECT

Assistant to the Director Lockfeer reviewed the below summary presentation slides on the topic.

ROUTE 60 BIKE PATH PROJECT ADDITIONAL PHASE I DESIGN ENGINEERING SERVICES

- Design of a 10-foot multi-use path along the north side of Route 60 from the existing sidewalk located west of the Field Drive to Academy Drive

Date	Project Milestone
May 2020	Project design efforts began after City Council approved a Phase I design agreement with Bleck Engineering
June 2021	City receives Phase II design and construction IDOT ITEP grant award in the amount of \$521,760
May 2022	City Council approved a Phase II design agreement with Gewalt Hamilton Associates (GHA)

- Following the Phase II GHA design agreement approval, a meeting with IDOT revealed outstanding Phase I design items required for Phase I approval
 - Environmental study & engineering plans that demonstrate ADA compliant crossings at the intersections of Field Court and Field Drive
- Both items were not in Phase I design scope with Bleck; thought to be Phase II design items
- Obtaining phase I approval very important to project timeline; ITEP grant award specifies that all project work must be complete by June 14, 2025
 - Once additional Phase I work complete, IDOT estimated review / approval processes to take six months to one year
 - Phase II design work and the subsequent review / approval process by IDOT is expected to take at least one year
 - After Phase II is approved, project construction can be placed out to bid

ROUTE 60 BIKE PATH PROJECT ADDITIONAL PHASE I DESIGN ENGINEERING SERVICES

- Staff recommends approving GHA for Phase II design engineering services; GHA has already dedicated considerable time in reviewing the Phase I plans in preparing for Phase II design (existing relationship)
- GHA will be able to seamlessly transition to Phase II design following the completion of Phase I design
- GHA has previously demonstrated their ability to effectively coordinate with IDOT to obtain necessary approvals on other City design projects for which IDOT phased engineering services were required
- Following the completion of this Phase I design process, GHA will be revising their Phase II design proposal amount to ensure that the City will not be charged any duplicative service fees
- **Action Requested: PW Committee Recommends City Council Award of Additional Phase I Design Engineering Services for the Route 60 Bike Path Project to Gewalt Hamilton & Associates in the Amount of \$33,700**



The Committee and City staff discussed the location of the bike path and the project timeline.

Alderman Novit moved to recommend approval to City Council award of additional phase I design engineering services for the Route 60 Bike Path Project to Gewalt Hamilton & Associates in the amount of \$33,700. Alderman Notz seconded the motion, which carried unanimously.

4. REVIEW AND RECOMMEND APPROVAL TO CITY COUNCIL THE PROPOSED FY'24 CAPITAL EQUIPMENT

Superintendent of Public Works Martin reviewed the below summary presentation slides on the topic.

FY'24 CAPITAL EQUIPMENT

General Fund				
<u>Department</u>	<u>Unit #(s)</u>	<u>New / Replace</u>	<u>Item</u>	<u>Budget</u>
Building Maint.	51	Additional Funding to Replace	Step Van	\$ 45,000
Police	2	Replace	Mid-Size Police SUV	\$ 43,000
	10	Replace	Mid-Size Police SUV	\$ 43,000
Sanitation	166	Replace	Refuse Collection Scooter	\$ 31,000
	167	Replace	Refuse Collection Scooter	\$ 31,000
	168	Replace	Refuse Collection Scooter	\$ 31,000
	185	Replace	Rear-Load Garbage Truck	\$ 335,000
	188	Replace	Rear-Load Garbage Truck	\$ 335,000
Streets	470	Replace	Utility Trailer	\$ 6,000
TOTAL:				\$ 900,000

FY'24 CAPITAL EQUIPMENT

Parks & Recreation Fund				
<u>Department</u>	<u>Unit #(s)</u>	<u>New / Replace</u>	<u>Item</u>	<u>Budget</u>
Forestry	672	Replace	Tree Trimming Bucket Tk (partial)	\$ 150,000
Parks	301	Replace	4WD ¾ Ton, Double Cab, 8' Bed	\$ 75,000
TOTAL:				\$ 225,000
Water Fund				
<u>Department</u>	<u>Unit #</u>	<u>New / Replace</u>	<u>Item</u>	<u>Budget</u>
Water & Sewer	927	Replace	Utility Van	\$ 55,000
Golf Fund				
<u>Department</u>	<u>Unit #</u>	<u>New / Replace</u>	<u>Item</u>	<u>Budget</u>
Golf Course	852	New	Mower	\$ 76,000
Cemetery Fund				
<u>Department</u>	<u>Unit #</u>	<u>New / Replace</u>	<u>Item</u>	<u>Budget</u>
***** None *****				
Police Restricted (Seizure) Fund				
<u>Department</u>	<u>Unit #</u>	<u>New / Replace</u>	<u>Item</u>	<u>Budget</u>
Police	12	Replace	Mid-Size Police SUV Unmarked	\$43,000

FY'24 CAPITAL EQUIPMENT

- Existing issues with truck include worn out hydraulic systems
- New trucks will be purchased via the national government joint purchase co-operative, Sourcewell
- Anticipated delivery date for the chassis of February 2024 with a completion date of Summer of 2024
- City has been utilizing the Autocar truck chassis and McNeilus refuse bodies for many years; very positive experiences
- Amount budgeted: \$670,000
- Action Requested: PW Committee Recommends City Council Approve the Replacement of Two Rear-Load Refuse Trucks Included in the FY2024 Capital Equipment Budget, to the Sourcewell Low Bidders, Truck Center Companies (chassis) in the Amount of \$400,372 and McNeilus Truck Manufacturing (body) in the Amount of \$269,628.**

CAPITAL EQUIPMENT REPLACEMENT FORM

Department:	Public Works
Section:	Sanitation
Units #:	185 / 188
Make:	Autocar / McNeilus
Model:	XC Rear Loader
Year:	1998 / 2003
Class:	Heavy Truck and Refuse Hauler
In-Service Dates:	10/1/1997 / 5/21/2003
Life to Date Hours (in the Department):	32,000 hours - 185 33,000 hours - 188
CLF Utilization Standard:	1,528 hours/year
Average Annual Utilization, Life to Date:	1,289 hours/year - 185 1,692 hours/year - 188
Annual Utilization Last Fiscal Year:	1,133 hours - 185 2,023 hours - 188
Annual Maintenance Costs for Last 3 Fiscal Years:	185 188 \$ 8,160 - FY22 \$ 13,400 - FY23 \$ 16,500 - FY21 \$ 32,700 - FY22 \$ 12,800 - FY20 \$ 19,950 - FY21
Life to Date Maintenance Cost: (Includes Parts, Labor, and Outside Services)	\$ 303,390 - 185 \$ 344,505 - 188



These units are used for: Daily pickup of refuse and collection each weekend at the Compost Center.

Recent Mechanical Issues: Severe body and frame rust and corrosion with metal fabrication and replacement needed, engines and drivetrains worn out, injectors replaced, hydraulics tired and components need replacement, suspension and steering worn and need components replaced.

FY2024 Budget Amount: \$ 335,000 each

Proposed Replacement: Autocar / McNeilus XC

Can a similar piece of equipment be rented? If so, what is the cost? No

Can this piece of equipment be shared with another Department or other local agencies? Yes

Is this piece of equipment used on a daily, weekly, or monthly basis? Please explain. Used daily on route and at Compost Recycling Center.

For the replacement piece, are you requesting any enhancements that the unit already does not have? Please explain. No

FY'24 CAPITAL EQUIPMENT

- Once PD vehicles accrue 100,000 miles, they are moved into the Community Dev, Engineering Section, or PD Investigations for administrative use and inspection services
- Due to the supply chain issues and microchip shortages, no contracts are currently being offered through governmental joint purchasing programs
- Staff reviewed State of Illinois Joint Purchase Contracts (State bid) and explored other purchasing alternatives
- Morrow Brothers Ford of Greenfield, Illinois, who has been the Sate bid holder in the past, is offering fleet pricing for the same unit at \$42,000 per vehicle.
- Amount budgeted: \$126,000
- Action Requested: PW Committee Recommends City Council Approve the Purchase of Three Replacement Police Vehicles Included in the FY2024 Capital Equipment Budget to Morrow Brothers Ford, in the Amount of \$126,000.**

CAPITAL EQUIPMENT REPLACEMENT FORM

Department:	Police Department
Section:	Police Department
Units #:	2/ 10/ 12
Make:	Ford
Model:	Police Interceptor Utility (Explorer)
Year:	2020
Class:	Passenger Vehicle
In-Service Dates:	11/12/2020 2/20/2020 5/11/2020
Life to Date Miles (in the Department):	54,000 / 72,000 / 49,000 miles
CLF Utilization Standard:	25,000 miles/year
Average Annual Utilization, Life to Date:	25,845 / 25,138 / 16,230 miles/year
Annual Utilization Last Fiscal Year:	33,320 / 35,015 / 19,491 miles
Annual Maintenance Costs for Last 3 Fiscal Years:	\$3250 / \$3089 / \$3730 - FY23 (YTD) \$5120 / \$7234 / \$4619 - FY22 \$ 468 / \$2417 / \$2110 - FY21
Life to Date Maintenance Cost: (Includes Parts, Labor, and Outside Services)	\$8,838 / \$12840 / \$14,700



These units are used for: Units #2, 10, and 12 are used by the Police Department for various patrol and radar monitoring. They are also used to transport prisoners to the County jail, officers to Court appearances, etc.

Recent Mechanical Issues: The City began using the Ford Police Interceptor Utility in the fall of 2013. When mileage became high on the Interceptors, they began to have problems with their PTU (power transfer unit for 4WD), water pumps, and engine mounts. The driver's seats were typically re-built multiple times throughout their use with the Police Department. These issues have since been resolved by Ford and the Interceptor has been updated with MY 2020. The Interceptor has been a very reliable unit for the Police Department.

It is Fleet Maintenance's opinion that the Ford Interceptors be replaced when they accrue 100,000 miles; 150,000 miles for the Chevrolet Tahoe's. After those mileage points, both vehicles begin to cost significant dollars to maintain with continued use in Police operations.

FY2024 Budget Amount: \$ 43,000

Proposed Replacement: Ford Police Interceptor Utility

Can a similar piece of equipment be rented? If so, what is the cost? No, there are no rental police vehicles.

Can this piece of equipment be shared with another Department or other local agencies? No.

Is this piece of equipment used on a daily, weekly, or monthly basis? Please explain. Daily. The units are used all day except when a team car member is off for vacation or is ill.

For the replacement piece, are you requesting any enhancements that the unit already does not have? Please explain. No.

FY'24 CAPITAL EQUIPMENT

- Ambulance purchase will be made utilizing FY25 funds; two-year delay from time of order to delivery
- Stryker Power-Load System and Power-Pro Cot will be purchased in the amount of \$47,533.96 utilizing FY23 funds
 - Early purchase of this equipment is anticipated to save the City approximately \$5,000 with anticipated price increases to occur January 2023
 - The proposed FY24-28 Capital Improvement Program includes \$370,000 for a replacement ambulance in FY25. The department is seeking City Council approval to order the ambulance without this equipment at a not to exceed amount of \$323,076. Should this advance purchase be approved, the FY25 CIP amount will be reduced from \$370,000 to \$323,076.
- Action Requested: PW Committee Recommends City Council Approve the purchase of the Ambulance, Load System, and Cot in the Grand Total Amount of \$370,000**

CAPITAL EQUIPMENT REPLACEMENT FORM

Department: Fire Department
Section: Fire Department
Unit #: 242
Make: International
Model: 4300 SBALP
Year: 2004
Class: Heavy Trucks & General Purpose Vehicles
In-Service Date: 02/10/2005
Life to Date Hours: 5,827 hours
CLF Utilization Standard: 250 hours / year
Average Annual Utilization, Life to Date: 327 hours / year
Annual Utilization Last Fiscal Year: 43 hours
Annual Maintenance Costs for Last 3 Fiscal Years: \$ 5,290 – FY22
(Includes Parts, Labor, and Outside Services) \$ 1,850 – FY21
 \$ 6,270 – FY20
Life to Date Maintenance Cost: \$90,720
(Includes Parts, Labor, and Outside Services)



This unit is used for: Emergency response and the transporting of patients to the hospital.
 Fire Department staff have placed this ambulance as fourth in its circuit due to its age.
Recent Mechanical Issues: Corrosion including body, fuel tank, brake lines and a/c components and lines. Wiring and lighting issues.
FY2024 Budget Amount: \$323,076
Proposed Replacement: 4WD Ford F-550
Can a similar piece of equipment be rented? If so, what is the cost? No.
Can this piece of equipment be shared with another Department or other local agencies? No.
Is this piece of equipment used on a daily, weekly, or monthly basis? Please explain. Daily for patient transports.
For the replacement piece, are you requesting any enhancements that the unit already does not have? Please explain. No.

FY'24 CAPITAL EQUIPMENT

CAPITAL EQUIPMENT REPLACEMENT FORM

Department: Parks & Forestry
Section: Forestry
Units #: 672
Make: International/Terex
Model: 926/XT60
Year: 2003
Class: Heavy Truck and Tree Trimming
In-Service Dates: 08/05/2003
Life to Date hours (in the Department): 13,750 hours
CLF Utilization Standard: 250 hours/year
Average Annual Utilization, Life to Date: 693 hours/year
Annual Utilization Last Fiscal Year: 710 hours
Annual Maintenance Costs for Last 3 Fiscal Years: \$ 10,100 – FY22
 \$ 6,970 – FY21
 \$ 5,690 – FY20
Life to Date Maintenance Cost: \$ 196,590
(Includes Parts, Labor, and Outside Services)



These units are used for: Storm clean up and general trimming of trees and limbs
Recent Mechanical Issues: Steering and power assist replacement, fuel system pressure and leak issues, frame corrosion, suspension is worn out, fiber glass boom and bucket have 20 years of stress.
FY2024 Budget Amount: \$ 150,000 (\$330,000 total price)
Proposed Replacement: Peterbilt/Terex XTPro60
Can a similar piece of equipment be rented? If so, what is the cost? No
Can this piece of equipment be shared with another Department or other local agencies? Yes, Streets
Is this piece of equipment used on a daily, weekly, or monthly basis? Please explain. Daily, depending on current projects or storms.
For the replacement piece, are you requesting any enhancements that the unit already does not have? Please explain. No

CAPITAL EQUIPMENT REPLACEMENT FORM

Department: Public Works
Section: Sanitation
Unit #: 166, 167, 168
Make: Cushman
Model: Refuse Haulsters
Year: 2015
Class: Tractors / Scooters
In-Service Date: 04/01/2016
Life to Date Section Hours: 537
 6, hours – 166 5,570 hours – 167
 5,703 hours – 168
CLF Utilization Standard: 400 hours/year
Average Annual Utilization, Life to Date: 956 – 166 835 – 167 hours / year
 855 – 168
Annual Utilization Last Fiscal Year: 685 – 166 1,518 – 167 hours
 1,486 – 168
Annual Maintenance Costs for Last 3 Fiscal Years: 166 167
(Includes Parts, Labor, and Outside Services) \$14,160 – FY22 \$11,670 – FY22
 \$ 4,640 – FY21 \$ 9,830 – FY21
 \$ 5,720 – FY20 \$ 6,620 – FY20
 168
 \$11,190 – FY22
 \$ 9,980 – FY21
 \$ 8,530 – FY20
Life to Date Maintenance Cost: \$63,780 – 166 \$49,370 – 167
(Includes Parts, Labor, and Outside Services) \$47,700 – 168



These units are used for: Sanitation uses the refuse scooters to primarily collect refuse. As needed, the units assist with recycling and yard waste as well. The units are also used during special events and assist Forestry in their annual mosquito larva catch basin program.
Recent Mechanical Issues: Overall, these units are used in severe duty applications. They have their clutches, transmission, axles, front suspension parts, ball joints, control arms, tie rod ends, rear leaf springs, and front spring shock assemblies replaced throughout their life. The Cushman units have been discontinued for seven years and parts are extremely difficult to obtain (e.g. transmission gears were obtained from India).
FY2024 Budget Amount: \$93,000 (\$31,000 each)
Proposed Replacement: Honda Pioneer 1000
Can a similar piece of equipment be rented? If so, what is the cost? No.
Can this piece of equipment be shared with another Department or other local agencies? Yes. The units are primarily used in Sanitation but can and do assist other Departments as needed.
Is this piece of equipment used on a daily, weekly, or monthly basis? Please explain. Daily.
For the replacement piece, are you requesting any enhancements that the unit already does not have? Please explain. No.

FY'24 CAPITAL EQUIPMENT

CAPITAL EQUIPMENT REPLACEMENT FORM

Department: Parks & Recreation
Section: Golf Course
Unit #: 852 (addition to fleet)
Make: Toro
Model: Groundsmaster 4000D
Year: N/A
Class: Tractors



In-Service Dates: TBD
Life to Date Miles (in the Department): N/A
CLF Utilization Standard: 400 hours/year
Average Annual Utilization, Life to Date: N/A
Annual Utilization Last Fiscal Year: N/A
Annual Maintenance Costs for Last 3 Fiscal Years:
 (Includes Parts, Labor, and Outside Services) \$ N/A - F.Y.20
 \$ N/A - F.Y.19
 \$ N/A - F.Y.18
Life to Date Maintenance Cost: N/A
 (Includes Parts, Labor, and Outside Services)

These units are used for: The golf course maintenance operation utilizes this mower for its grounds mowing.

Recent Mechanical Issues: N/A

FY2024 Budget Amount: \$ 76,000

Proposed Replacement: Toro Groundsmaster 4000D

Can a similar piece of equipment be rented? If so, what is the cost? No

Can this piece of equipment be shared with another Department or other local agencies? Yes, Parks

Is this piece of equipment used on a daily, weekly, or monthly basis? Please explain. Used daily by Deerpath's golf course maintenance personnel.

For the replacement piece, are you requesting any enhancements that the unit already does not have? Please explain. No

CAPITAL EQUIPMENT REPLACEMENT FORM

Department: Public Works
Section: W&S
Units #: 927
Make: Chevrolet
Model: Savanna
Year: 1997
Class: Van



In-Service Dates: 6/01/1997
Life to Date Miles (in the Department): 8,500 hours
CLF Utilization Standard: 250 hours/year
Average Annual Utilization, Life to Date: 338 hours/year
Annual Utilization Last Fiscal Year: 126 hours
Annual Maintenance Costs for Last 3 Fiscal Years:
 \$ 1,560 - FY22
 \$ 1,720 - FY21
 \$ 2,095 - FY20

Life to Date Maintenance Cost: \$ 38,160
 (Includes Parts, Labor, and Outside Services)

These units are used for: Sewer televising Van

Recent Mechanical Issues: Brakes, fuel system, electrical system, door hinges and latches worn out and failures, starting and running issues, body and frame rust and corrosion issues

FY2024 Budget Amount: \$ 55,000 (van only; additional dollars to be budgeted in FY25 for televising equipment)

Proposed Replacement: Ford Transit Cargo Van

Can a similar piece of equipment be rented? No If so, what is the cost?

Can this piece of equipment be shared with another Department or other local agencies?

Is this piece of equipment used on a daily, weekly, or monthly basis? Please explain.

For the replacement piece, are you requesting any enhancements that the unit already does not have? Please explain. No

FY'24 CAPITAL EQUIPMENT

CAPITAL EQUIPMENT REPLACEMENT FORM

Department: Parks & Recreation
Section: Parks
Unit #: 301
Make: GMC
Model: K2500HD 4WD ¾-Ton Ext. Cab
Year: 2014
Class: Light Trucks & SUV < 12,500 GVWR



In-Service Date: 09/20/2014
Life to Date Miles: 47,600 miles
CLF Utilization Standard: 6,000 miles/year
Average Annual Utilization, Life to Date: 5,710 miles/year
Annual Utilization Last Fiscal Year: 5,672 miles
Annual Maintenance Costs for Last 3 Fiscal Years:
 (Includes Parts, Labor, and Outside Services) \$3,120 - FY22
 \$6,700 - FY21
 \$1,540 - FY20
Life to Date Maintenance Cost: \$21,100
 (Includes Parts, Labor, and Outside Services)

This unit is used for: This unit is used for multiple Parks maintenance activities. It transports personnel, tools, equipment, and material to various jobsites. This truck will move to the Recreation Dept. to replace the sailing program towing vehicle which will replace the golf course pick-up truck.

Recent Mechanical Issues: Brakes, Wheel Bearings, Trailer wiring.

FY2016 Budget Amount: \$75,000

Proposed Replacement: Chevrolet/GMC Double Cab 2500HD Pickup Truck with Liftgate

Can a similar piece of equipment be rented? If so, what is the cost? No

Can this piece of equipment be shared with another Department or other local agencies? Yes. It can be shared with all Departments within the City.

Is this piece of equipment used on a daily, weekly, or monthly basis? Please explain. Daily.

For the replacement piece, are you requesting any enhancements that the unit already does not have? Please explain. No.

The Committee and City staff reviewed the process staff undertakes to develop the proposed FY24 Capital Equipment Replacement Schedule, supply chain issues, ordering delays, electric vehicle research when making replacement purchase recommendations, and timing in bringing forward equipment bids to City Council.

Alderman Novit moved to recommend approval to City Council approval of the purchase of two replacement rear-load refuse trucks included in the FY2024 Capital Equipment budget, to the Sourcwell low bidders, Truck Center Companies (chassis) in the amount of \$400,372 and McNeilus Truck Manufacturing (body) in the amount of \$269,628. Alderman Notz seconded the motion, which carried unanimously.

Alderman Notz moved to recommend approval to City Council approval of the purchase of three replacement Police vehicles included in the FY2024 Capital Equipment budget to Morrow Brothers Ford, in the amount of \$126,000. Alderman Novit seconded the motion, which carried unanimously.

Alderman Novit moved to recommend approval to City Council approval of the purchase of the ambulance, load system, and cot in the grand total amount of \$370,000. Alderman Notz seconded the motion, which carried unanimously.

Alderman Novit moved to recommend approval to City Council approval of the FY2024 Capital Equipment Program. Alderman Notz seconded the motion, which carried unanimously.

IV. FY '23 PROJECT ROADMAP STATUS CHART

The Committee and City staff reviewed the below prestation slides.

PROJECT ROADMAP – CAPITAL FUND				
Project	Asset Category	% Complete	Project Timeline	Notes
Waveland Park: W Parking Lot Resurface & Expansion	Parking Lot	100%	Early May – Mid June	Complete
Forest Ave Parking Lot Resurfacing	Parking Lot	100%	Late July – Late August	Complete. One EV charging station installed. Second station install will be completed after ComEd completes onsite service upgrade.
Public Safety Fire Garage Roof Replacement	Facility	100%	Early May – Mid June	Complete
Elawa & City Hall Tuckpointing	Facility	15%	Spring of 2022	CC bid approval 9/6; work to be completed spring of 2022
Annual Asphalt Resurfacing & Patching Program	Road	100%	Mid May - Early August	Complete
Waukegan & Everett Intersection - Metra Upgrades	Road	10%	Fall	Agreements with Metra finalized, CC approved August 1, tentative start date is Spring 2023, coordination meeting with Metra held on 9/15
Deerpath Streetscape Project Phase II Design	Road	40%	February 2022 – September 2023	Phase II design work continues; ITEP project grant application submitted; anticipating award announcements June 2023
Annual Concrete Sidewalks & Curbs Repairs	Road & Sidewalk	100%	August	Complete
Pavement Management Program	Road & Paths	90%	Mid May – September	Data analysis phase completed; Staff analyzing and reviewing deliverables; final report to be completed by late November
RT. 60 Bike Path Phase II Design (Academy-Field Dr)	Path	15%	May 2022 – September 2023	Design and construction funding secured from ITEP; working with IDOT to obtain Phase I approval
Illinois & Woodland Pedestrian Bridge Construction	Bridge	95%	TBD	Both the Woodland & Illinois pedestrian bridges have been replaced and back open to pedestrians and bicyclists. Punchlist and landscape restoration items remain
Lake-Woodbine Bridge Reconstruction Design PH I/2	Bridge	45%	May 2022 – Fall 2024	HPC approval 3/16; finalizing Phase I Design; Phase II RFP late fall or early winter; City was selected for IDOT bridge grant

PROJECT ROADMAP – CAPITAL FUND (CONTINUED)

Project	Asset Category	% Complete	Project Timeline	Notes
McLennon-Reed Bridge Repairs Design	Bridge	65%	May – September	Proposals reviewed by PWC 4/19 and CC approved 5/2; survey completed; pre-final cost estimates were received in early October which were used for the budget process
Rockefeller/McCormick/Loch Ravine Design	Ravine	65%	May – September	Final design documents estimated to be completed by the end of December
Seminary Ravine Improvements - Design	Ravine	65%	May – September	Final design documents estimated to be completed by the end of December
Capital Equipment - All Funds	Capital Equipment	90%	Ongoing	F.Y. 23 equipment ordered; waiting for deliveries
Burr Oak Storm Sewer Construction	Storm Sewer	95%	May – Early October	The project is substantially complete, with punchlist work remaining for spring 2023; Lake County SMC hosted a ribbon cutting on 11/2; updates found at www.cityoflakeforest.com/burroak
Ahwahnee Road Storm Sewer Upgrade Design	Storm Sewer	35%	May – September	Engineering consultant has run various drainage models and started preliminary design now that routing has been determined; Staff applied for SMC DCEO-STOICP grant in early October and should hear back from SMC in spring, 2022.
Annual Storm Sewer Lining Program	Storm Sewer	100%	August – September	Bid opening on 5/19, bids reviewed by PWC 5/26 and CC approved 6/6; all work complete with final invoice remaining
Forest Park Bluff Slope Stabilization	Forest Park Bluff	0%	September 2022 – May 2023	Bid opening 8/16; project exceeds budgeted amount and will be placed out to bid in January / February 2022.
ADA Transition Plan	Facilities / Parks / Roads / Sidewalks	5%	May – September	Project RFP to be issued early this winter
Annual Gas Light Conversion Program	Street Lighting	25%	Ongoing	Completed conversion of eight lights behind HS (Edgewood to Noble & Spruce to Sheridan); program to resume spring 2023
Annual Longline Striping Program	Street	100%	Fall	Complete

PROJECT ROADMAP – WATER FUND

Project	Asset Category	% Complete	Project Timeline	Notes
Deerpath Watermain Replacement (Ahwahnee Ln-Golf)	Water	100%	March – End of May	Completed
Pump VFD Upgrade	Water	30%	May – December	Bids reviewed by PWC 2/17; CC approved 3/7; equipment submittals reviewed and VFDs delivery extended to December
Water Plant: Membrane Filter Modules	Water	100%	May	CC approval 5/2; module installation complete
Spruce and Sheridan Pump Replacement	Sanitary	100%	May – October	Complete
Annual Hydrant Painting Program	Water & Sewer	100%	Fall	Complete
Annual Leak Detection Program	Water	100%	September	Final report received; Water & Sewer staff making necessary repairs this summer and fall
Water Distribution Pressure Sensors	Water	80%	Late Fall	Sensors received; control cabinets received. Cabinet & sensor installation in progress; programming SCADA in progress.
Valve Repairs	Water	100%	September	Project included the replacement of faulty valves
Annual Valve Exercising Program	Water	100%	July	Annually exercise 20% of all water distribution valves

The Committee and City staff discussed the Forest Park Bluff Stabilization Project, IDOT Pump Station Project, and the ComEd Bridge Replacement Project, and the McLennon-Reed Bridge Design.

V. BUDGET / HIRING / INNOVATION UPDATES

There were no Budget / Hiring / Innovation Updates.

VI. PUBLIC COMMENT

There was no public comment.

VII. NEXT MEETING

Director Thomas explained that he would follow up with the Committee via email to schedule the next Public Works Committee meeting.

VIII. ADJOURNMENT

Alderman Novit moved to adjourn the meeting of the Public Works Committee at 6:16 P.M. Chairman Preschlack seconded the motion, which carried unanimously.

Respectfully submitted,

Jim Lockefeer Jr.
Assistant to the Director of Public Works