



city of
CINCINNATI

Department of Public Services State of the City Fleet

December 2, 2025

Overview

- Background & Inventory
- Fleet Replacement Planning
- Current Lifecycle Standings of City Fleet
- Fleet Capital Planning

Background & Inventory

Categorizing Equipment & Lifecycle Criteria

- Currently, across the General Fund Departments there are 1,829 assets valued at over \$5,000 and 955 components valued at less than \$5,000.
- All equipment types are categorized by class code and are assigned a “Lifecycle.”
- The three replacement criteria are **Age, Mileage, and Life-to-Date Maintenance Cost.**

Background & Inventory

Replacement Criteria

- Age – the age of the vehicle that makes it eligible for replacement varies by equipment category. Ex: Ladder Truck – 15 yrs, Dump truck – 10 years, Pick-up Truck – 7yrs
- Mileage – the mileage of the vehicle that makes it eligible for replacement varies by equipment category. Ex: Ladder Truck – 150,000 miles, Dump truck – 75,000 miles, Pick-up Truck – 100,000 miles.
- Life-to-Date Maintenance Cost – This criteria is met when 75% of the cost of the vehicle has been spent on maintenance.

Background & Inventory

Replacement Criteria

- The vehicles meeting two out of these three criteria are considered out of lifecycle and ready for replacement.
- Equipment that meets two out of three and three out of three criteria is still operable equipment but this equipment will have greater annual cost of maintenance, longer downtimes when repairs are required, and limited availability of repair parts.
- As the volume of out of lifecycle equipment increases, the challenge of continuing to maintain this equipment with existing mechanic staffing and limited Department operating budgets for vehicle maintenance grows.

Background & Inventory

Replacement Prioritization

All equipment does not have the same level of importance within City operations.

As of FY25, Fleet Services has established a clear prioritization process for spending available Fleet Replacement Capital on **essential fleet** that is furthest out of lifecycle.

Essential Fleet meets one or both of the following criteria:

- Equipment required for delivery of essential basic services like fire, police, trash collection, and road repair.
- Equipment with a high frequency of use of the equipment by a Department in the delivery of service to the public.

Background & Inventory

Replacement Prioritization

As City Council allocates funding for Fleet Replacement Capital, the Department of Public Services expends no less than 90% of Fleet Replacement capital on essential fleet that meet both essential fleet criteria. The remaining 10% of Fleet Replacement capital meet only one of the essential fleet criteria.

Note that the Department ensures that all Fleet Replacement capital is allocated for spend each year so small balances that cannot buy large pieces of equipment may be allocated to general replacement eligible equipment.

Background & Inventory

Other Replacement Resources

From time to time, Departments will obtain grants from local, state or federal sources or separate allocations by City Council or their boards/commissions and will have authorization to buy additional equipment or replacement equipment that does not follow the methodology outlined above.

To the extent that it can, Fleet does encourage Departments to utilize any additional resources to address its essential equipment for replacement first thus maximizing the impact the Administration has on reducing the balance of out of lifecycle equipment.

Fleet Replacement Planning

Use of data to ensure effective maintenance and utilization of fleet equipment

- Reporting and analysis of Fleet information has been a challenge in prior years due to limitations of available data.
- Fleet and OPDA have collaborated to create reports/dashboards and ensure accurate information is being utilized while making decisions. We have better data quality on vehicle inventory, utilization, and preventative maintenance schedules.
- Preventative Maintenance compliance has been a primary focus to ensure longevity of the existing fleet as we make progress with resources to replace vehicles and equipment.

Fleet Replacement Planning

Forecasting future needs and ordering replacement equipment to align delivery timelines with order lead times

- The Fleet Division is seeking to forecast replacement needs using anticipated annual usage & maintenance to forecast future replacement needs. This also includes factoring in lead times required from order date to when vehicle can be placed into service.
- Fleet continues to work with City Purchasing to see where vehicle delivery timelines can be reduced through more efficient procurement means.
- Examples of recent lead times based on recent purchases are as follows:
 - Passenger vehicles/ Pickup trucks- 3-6 months
 - Police Interceptors- 10-14 months
 - Garbage Packer- Up to 24 months
 - Fire Apparatus/Medic Units- 24-36 months

Fleet Replacement Planning

Continuous Improvement - Forecasting with Data

- Fleet continues to work with the Office of Performance and Data Analytics to improve data quality. Some challenges remain related to available data, but Fleet is working to solve that by evaluating alternative data providers.
- With improved data on vehicle utilization, Fleet anticipates being able to eliminate low-usage vehicles and proposing instead a City-wide pool of vehicles. This will ensure City resources are utilized effectively and will reduce expense for maintenance and replacement of underutilized vehicles.

Current Equipment Lifecycle Status

Replacement Eligible Assets for use of FY26 funding

- As of this fall, we have 120 assets meeting 3/3 replacement criteria with a replacement cost of ~\$17.8M
- We have 331 assets meeting 2/3 replacement criteria with a replacement cost of ~\$42.5M
- While all of this equipment is replacement eligible, the priorities for use of Fleet Replacement funding are the **essential fleet**.
- Further, the Fleet team is continuing to analyze the existing inventory to understand where we have underutilized equipment that may not be needed or opportunities for other efficiencies.

Current Equipment Lifecycle Status

Anticipated Use of FY26 funding

Department	Quantity	Equipment Type	Total Est. Cost
Fire Department	2	Pumper Truck	\$2,000,000.00
Fire Department	1	Ladder Truck	\$1,200,000.00
Fire Department	3	Medic Unit Remount	\$900,000.00
DPS- TROD	3	Single Axle Plow Truck	\$720,000.00
DPS- NOD	4	25YD Garbage Packer	\$1,350,000.00
DPS- NOD	1	11YD Garbage Packer	\$250,000.00
DPS- NOD	1	Lightning Loader	\$250,000.00
Police	20	Police Interceptor	\$1,300,000.00
Various	15	Sedans	\$550,000.00
Various	6	SUV's	\$325,000.00
Various	16	Pickup Truck	\$1,200,000.00
DOT	5	Compact Pickup Truck	\$225,000.00
Parks	1	6YD Garbage Packer	\$225,000.00
DPS TROD	2	Bobcat Skid Steer Loader	\$160,000.00
DPS TROD	1	Forklift	\$40,000.00
DOT	1	Aerial Bucket Truck	\$275,000.00
DPS- TROD	1	Box Truck	\$100,000.00
TOTAL	83		\$11,070,000.00

Current Equipment Lifecycle Status

Replacement Priorities

The following are priority **essential fleet** presently meeting 2/3 or 3/3 replacement criteria that are the next priority for replacement, after expending the FY26 funding.

Department	Quantity	Equipment Type	Total Est. Cost
Fire	2	Fire Pumpers	\$2,000,000.00
Fire	2	Fire Ladders	\$2,400,000.00
Fire	4	Medic Unit Remounts	\$1,200,000.00
DPS TROD	5	Single Axle Plow Trucks	\$1,200,000.00
DPS NOD	2	Lightning Loader Trash Trucks	\$500,000.00
Police	30	Police Interceptors	\$2,000,000.00
Police	2	Police Motorcycles	\$80,000.00
Various	30	Pickup Trucks	\$2,250,000.00
DPS- TROD	2	Case 580 Backhoe	\$360,000.00
TOTAL	79		\$11,990,000.00

Fleet Capital Planning

Proposed Use of Additional \$1.7MM Resources Anticipated from Carryover and Capital Sunset

Bergkamp SP5E Spray Injector Pothole Patcher

Specifications

- Single operator, joystick controls
- Can patch up to 100 potholes per day without leaving the cab.
- Repairs are handled from front of machine, traffic stays in rear.
- Surround camera system available.



Fleet Capital Planning

FY27 and Beyond

- Once FY26 funds have been expended replacement of all fleet equipment that meets 2/3 and 3/3 replacement criteria is estimated to cost \$50 million. This is inclusive of essential fleet and non-essential fleet. Additional equipment will hit the 2/3 criteria threshold as time passes, increasing this number.
- As part of development of the FY27 capital budget, the Administration will review with Council the intended annual capital allocation for fleet replacement in the remaining years of the 6-year Capital Improvement Plan (FY26-FY31).
- To fund replacement of all essential fleet that meet or will meet the established replacement criteria, an additional \$5 million-\$7 million in additional resources is anticipated to be needed annually.

**Thanks for your time and
attention.**

Questions?