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Fleet was originally established by the City of Sioux Falls as a division of Public Works.
Goal was to provide a safe, cost-effective and productive fleet of equipment and vehicles to support operations.
Majority of vehicles were placed on a replacement plan of 10 years and/or 100,000 miles. Not based on any key indicators.
Lease/rental rates were collected to recoup the original purchase price of equipment, not expected replacement.
In 2015, the City of Sioux Falls hired a national consulting firm to review our Fleet Operations.

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• Improve Organizational Structure • Fleet Manager and 2nd Equipment Repair Supervisor were • Procure Fleet Management Information System · Leverage new software to collect accurate data and establish Key Performance Indicators to be used to establish effective replacement plans. What we · Consolidate and Centralize Fleet Operations • Everyone is using the same software to track expenses in learned. the same way. · Leverage software to improve Parts and Inventory · Organize and centralize inventories and improve controls. · Right-size Fleet • Utilization of every piece of equipment. • This requires Life-cycle management based on true and accurate data!

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Fleet Management is centralized with five separate shop locations.
Police
Fire
Parks
Sanitary Landfill
Fleet/Street
Implemented a modern Fleet Management Information System.
Standardized repair, maintenance, and reporting activities.
All vehicle/equipment replacement plans are reviewed annually.
Finance, Fleet, and Division specific personnel are included in process.

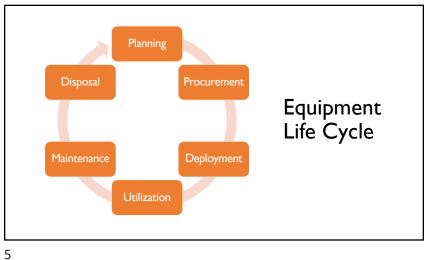
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Initial Cost Service Cost Life Cycle Cost Analysis Preventative Maintenance

Life Cycle Cost Analysis

- Establish Life-Cycle Categories to compare similar equipment
- Total capital value should include the purchase price, plus the cost of upfitting the asset prior to placing into service.
- Maintenance costs should be broken down as much as possible
 - Preventative maintenance
 - Breakdowns, warranty claims, and recalls Track when they occur in life of vehicle
 - Non-target costs
 - Physical damage caused by normal operations included.
 - Damage caused by operator misuse or accident don't include.
 - Downtime

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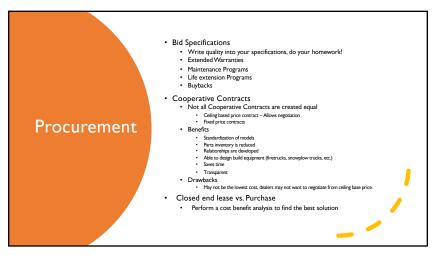
Operating Costs



City of Sioux Falls Planning Process

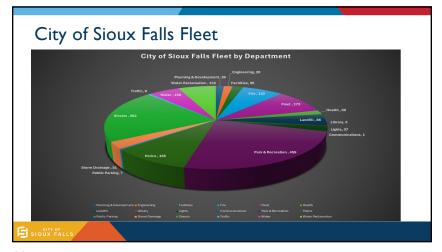
- Annual meetings are held to review every piece of equipment in the replacement plan with each separate Division.
 - Finance, Division Personnel, and Fleet team members are involved.
- Full life cycle costs are reviewed to determine replacement.
 - · Can the equipment last another year?
 - · Does it need to be replaced sooner in the plan?
 - Based on similar equipment type, do we expect additional unplanned maintenance in the
- If it is determined equipment does need to be replaced:
 - Bid specifications are reviewed and updated as needed.
 - · Procurement options are evaluated.

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The City of Sioux Falls has turned to an online auction site for disposal of assets.
Increased number of bidders across and outside US.
Auction site comes to site and takes pictures/videos of auction items.
Buyers pay premium on bids to auction site.
City is responsible to coordinate pickup once payment has been received.
Increased returns with much less work.

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City of Sioux Falls Fleet 25-29 OCEP Plan 2027 2028 Large Equipment - Streets Large Equipment - Water \$ 360,000 \$ 150,000 Large Equipment - Water Reclamation 500,000 \$ 975,000 \$ 250,000 \$ 750,000 Large Equipment - Landfill 660,000 \$ 3,975,000 \$ 4,810,000 \$ 2,960,000 Large Equipment - Lights 400,000 \$ 520,000 \$ 225,000 Large Equipment - Storm Drainage 775.000 \$ 900,000 \$ 1,060,000 \$ 150,000 \$ 100,000 Trucks and Pickups 495,000 \$ 2,985,000 \$ 1,640,000 \$ 515,000 680,000 Sedans, SUVs and Vans Toolcats \$ 41,000 \$ 50,000 87.000 \$ 20,000 Other Equipment 72,000 \$ 90,000 Amphibous Vehicle **Total Fleet Capital Equipment** \$ 12,586,000 \$ 10,726,000 \$ 6,410,000 \$ 5,552,000

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Life Cycle Cost Analysis

- Utility trucks are purchased and upfitted to reduce injuries and meet specific needs of division.
- · Average @ 10,000 miles/year.
- Start in replacement plan @ 10 years and move based on data.



Life Cycle Cost Analysis

- Trucks are the backbone of our street maintenance operations.
- Used for salt/sand in winter and asphalt in summer.
- Over 50 units in service.
- Adding units as city grows to maintain level of service.
- Goal is to shorten life cycle, but cost is a challenge.



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Life Cycle Cost Analysis

- Jetter/Vac trucks are used by Water Reclamation and Storm teams to clean and maintain infrastructure.
- Prices continue to escalate quickly.
- Reviewing purchase options with teams before replacement.



Life Cycle Cost Analysis

- Aerial trucks are used in Light and Power and Traffic Maintenance.
- Booms are annually inspected and normally determine life cycles of units.
- Work on traffic signals and streetlights across city.



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Life Cycle Cost Analysis

- Currently lease 44 motorgraders
- Bid specification was written in 3 separate lots.
- Currently have 34 units on a 3 year lease and 10 units on a 5 year
- First contract expires 11/1/2026.



Life Cycle Life Cycle Planning is important from purchase Standardized data in a centralized system. Compare only vehicles in the same group. Cost **Analysis** There are always

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