

Fleet Service

Capital Improvement Plan

| | 2020 Adopted | 2021 Request | Change |
|-------------------------------|--------------|--------------|-----------|
| 2021 Capital Budget | 12,700,000 | 12,295,000 | (405,000) |
| 2021 Capital Improvement Plan | 58,360,000 | 58,680,000 | 320,000 |

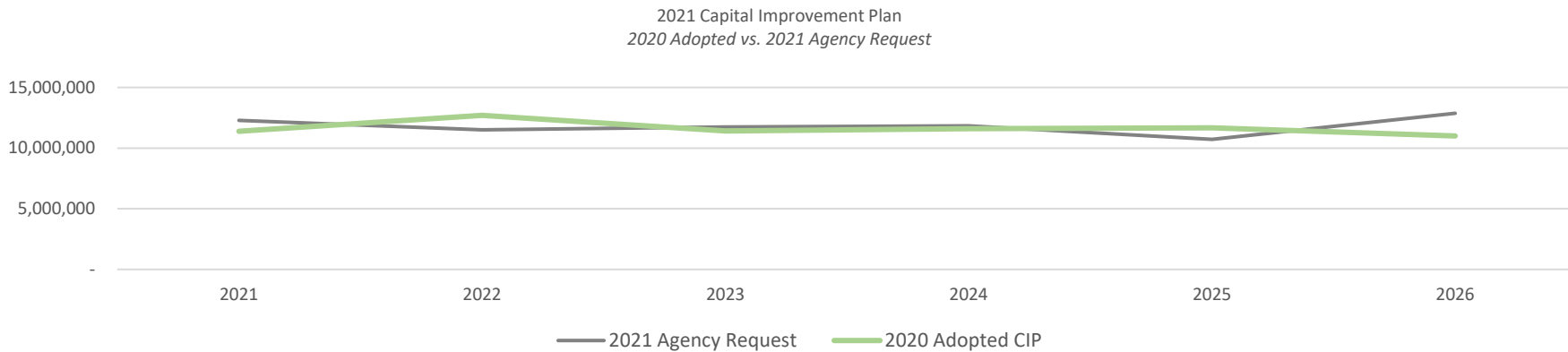
2020 Adopted
2

2021 Request
3

Project Summary: Agency Request

| | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 |
|-----------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| Fire Apparatus / Rescue Veh | 3,545,000 | 3,010,000 | 3,035,000 | 3,085,000 | 2,000,000 | 2,920,000 |
| Fleet GPS System | 250,000 | 200,000 | 200,000 | 200,000 | 200,000 | 200,000 |
| Fleet Equipment Replacement | 8,500,000 | 8,300,000 | 8,500,000 | 8,560,000 | 8,520,000 | 9,750,000 |
| Total | \$ 12,295,000 | \$ 11,510,000 | \$ 11,735,000 | \$ 11,845,000 | \$ 10,720,000 | \$ 12,870,000 |

Changes from 2020 CIP



Major Changes/Decision Points

- Fleet GPS System
\$1.2m project added to CIP to install GPS on all equipment within the Fleet



Department of Public Works

Fleet Service Division

Mahanth S. Joishy, Fleet Service Superintendent

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Date: June 12, 2020
To: David Schmiedicke, Finance Department
From: Mahanth Joishy, Fleet
Re: Fleet 2021 Budget Requests

Goals of Overall Capital Budget The Fleet Service 2020 capital budget reflects a fleet continuing the dramatic transformation towards a more environmentally sustainable, efficient, and safer operation. Madison has received national awards for these efforts, serves as a model for other cities, and all of #TeamCity deserves credit. To continue the transition methodically, we are maintaining a strong annual replacement cycle for vehicles and equipment with meticulous input from all customer agencies for 2021.

Summary of Changes from 2020 CIP After consulting with Madison Fire, we have reduced the 2021 fire apparatus request from the planned \$4.2M to \$3.54M. We anticipate a planned fleet reduction of about 5% will result in more than that % in savings to both Capital and Operating budgets for each of the next five years. Finally, we expect a ROI of more than the \$250K being placed in the Vision Zero project for vehicle safety through collision and injury prevention.

Prioritized Capital Requests The top budget priorities are the replacement of nearly 100 aging vehicles and fire apparatus, and a renewed focus on driver safety for the new Madison Vision Zero Plan with cutting edge driver safety technology.

Scaling Back As needed, we can purchase a few less vehicles per agency if a scale-back is required. However, many of the investments being made in 2021 will result in cost savings in the years to come. For example, purchasing only hybrid patrol and detective cars reduce greenhouse gas emissions, lower maintenance costs and slash fuel costs by half or more. We estimate a return on investment (ROI) within two years on these. Our continued focus on electric cars will not only save significant amounts of gas and maintenance costs with a five year ROI, they will also help us reach Madison's 2030 Sustainability goals. Categorically all vehicle replacements will result in lower maintenance costs and miles per gallon fuel burned over their lifetimes.

We do not anticipate COVID impacts on this budget request (but will on the operating side). I look forward to discussing these projects. I would also like to commend you and your staff for another year of great work during a very challenging time for the City especially in light of the COVID pandemic.

2021 Capital Improvement Plan Capital Budget Proposal

Identifying Information

| | | | |
|----------------------------|---------------|----------------------|-------------------------|
| Agency | Fleet Service | Proposal Name | Fleet Equipment Replace |
| Project Number | 17060 | Project Type | Program |
| Project Category | Other | Priority: | 2 |
| 2021 Project Number | | | |

Description

This program funds the replacement of the City's general fleet. The program's goal is to replace vehicles in accordance with the master replacement schedule ensuring city staff have access to safe, reliable vehicles when providing their services. Funding in 2020 will be used to purchase 90 pieces of equipment.

Budget Information

Prior Appropriation* \$37,480,011 **Prior Year Actual*** \$33,212,586

*Based on Fiscal Years 2015-2019

Budget by Funding Source

| Funding Source | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 |
|-------------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Non-GF GO Borrowing | 6,700,000 | 6,200,000 | 6,400,000 | 6,360,000 | 6,840,000 | 7,550,000 |
| Transfer In From General Fund | 1,800,000 | 2,100,000 | 2,100,000 | 2,160,000 | 2,160,000 | 2,200,000 |
| Total | \$8,500,000 | \$8,300,000 | \$8,500,000 | \$8,520,000 | \$9,000,000 | \$9,750,000 |

Budget by Expenditure Type

| Expense Type | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 |
|-------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Machinery and Equipment | 8,500,000 | 8,300,000 | 8,500,000 | 8,520,000 | 9,000,000 | 9,750,000 |
| Total | \$8,500,000 | \$8,300,000 | \$8,500,000 | \$8,520,000 | \$9,000,000 | \$9,750,000 |

Explain any changes from the 2020 CIP in the proposed funding for this program.

Fleet replacement program is focused on the replacement of fossil fuel powered vehicles with electric and hybrid vehicles, or the best possible alternatives available on the market. As our program matures Fleet is projecting the reduction of operating costs within the fuel and maintenance budgets. In the 2020 CIP, Fleet promised to ramp up to 40 electric vehicles, 60 hybrid vehicles, and solar charging for electric vehicles. We will easily achieve these goals by fall 2020. In 2021 we expect dramatic expansion in these areas.

Priority

Citywide Element Green and Resilient

Strategy Increase the use and accessibility of energy efficiency upgrades and renewable energy.

Describe how this project advances the Citywide Element:

By replacing vehicles that are due for replacement, Fleet will be upgrading vehicles and equipment. The newer vehicles have more environmentally sustainable features. For example anti-idling technology that will reduce fuel usage, dangerous emissions, and save the City money. By replacing older vehicles we will reduce maintenance and repair costs. Newer vehicles also have changing technology including safety equipment, reducing collisions and preventable repair cost.

Project Schedule & Location

2021 Projects

| Project name | Est Cost | Location |
|-----------------------|-----------|--------------------|
| Replacement of sedans | \$750,000 | City wide agencies |

| <i>Project name</i> | <i>Est Cost</i> | <i>Location</i> |
|--|-----------------|-------------------------------|
| Replacement of light duty trucks | \$650,000 | City wide agencies |
| Replacement of medium duty trucks | \$300,000 | Streets, Parks and T.E |
| Replacement of heavy duty trucks | \$1,600,000 | Streets and Parks |
| Replacement of refuse equipment | \$1,200,000 | Streets east and west |
| Replacement of heavy machinery and equipment | \$700,000 | Streets and Parks |
| Replacement of mowers, tractors and related equipment | \$800,000 | Streets and Parks |
| Replacement of trailers and related equipment | \$100,000 | Streets and Parks |
| Replacement of tree service equipment | \$600,000 | Streets and Parks |
| Replacement of Police squads and annual Bobcat lease program | \$1,800,000 | Police and City wide agencies |

Explain the justification for selecting projects planned for 2021:

By replacing vehicles that are due for replacement, Fleet will be upgrading vehicles and equipment. The newer vehicles have more environmentally sustainable features. For example anti-idling technology that will reduce fuel usage, dangerous emissions, and save the City money. By replacing older vehicles we will reduce maintenance and repair costs. Newer vehicles also have changing technology including safety equipment, reducing collisions and preventable repair cost.

2022 Projects

| <i>Project Name</i> | <i>Est Cost</i> | <i>Location</i> |
|--|-----------------|-------------------------------|
| Replacement of sedans | \$800,000 | City wide agencies |
| Replacement of light duty trucks | \$700,000 | City wide agencies |
| Replacement of medium duty trucks | \$300,000 | Streets,Parks and T.E. |
| Replacement of heavy duty trucks | \$1,500,000 | Streets,Parks and T.E. |
| Replacement of refuse equipment | \$800,000 | Streets east and west |
| Replacement of heavy machinery and equipment | \$600,000 | Streets and Parks |
| Replacement of mowers, tractors and related equipment | \$800,000 | Streets and Parks |
| Replacement of trailers and related equipment | \$100,000 | Streets,Parks and T.E. |
| Replacement of tree service equipment | \$600,000 | Streets and Parks |
| Replacement of Police squads and annual Bobcat lease program | \$2,100,000 | Police and City wide agencies |

Explain the justification for selecting projects planned for 2022:

By replacing vehicles that are due for replacement, Fleet will be upgrading vehicles and equipment. The newer vehicles have more environmentally sustainable features. For example anti-idling technology that will reduce fuel usage, dangerous emissions, and save the City money. By replacing older vehicles we will reduce maintenance and repair costs. Newer vehicles also have changing technology including safety equipment, reducing collisions and preventable repair cost.

2023 Projects

| <i>Project Name</i> | <i>Est Cost</i> | <i>Location</i> |
|-----------------------------------|-----------------|------------------------|
| Replacement of sedans | \$850,000 | City wide agencies |
| Replacement of light duty trucks | \$750,000 | City wide agencies |
| Replacement of medium duty trucks | \$350,000 | Streets,Parks and T.E. |

| <i>Project Name</i> | <i>Est Cost</i> | <i>Location</i> |
|--|-----------------|-------------------------------|
| Replacement of heavy duty trucks | \$2,300,000 | Streets,Parks and T.E. |
| Replacement of refuse equipment | \$1,000,000 | Streets east and west |
| Replacement of heavy machinery and equipment | \$500,000 | Streets and Parks |
| Replacement of mowers, tractors and related equipment | \$500,000 | Streets and Parks |
| Replacement of trailers and related equipment | \$50,000 | Streets,Parks and T.E. |
| Replacement of tree service equipment | \$100,000 | Streets and Parks |
| Replacement of Police squads and annual Bobcat lease program | \$2,100,000 | Police and City wide agencies |

Explain the justification for selecting projects planned for 2023:

By replacing vehicles that are due for replacement, Fleet will be upgrading vehicles and equipment. The newer vehicles have more environmentally sustainable features. For example anti-idling technology that will reduce fuel usage, dangerous emissions, and save the City money. By replacing older vehicles we will reduce maintenance and repair costs. Newer vehicles also have changing technology including safety equipment, reducing collisions and preventable repair cost.

2024 Projects

| <i>Project name</i> | <i>Est Cost</i> | <i>Location</i> |
|--|-----------------|--|
| Replacement of sedans | \$900,000 | City wide agencies |
| Replacement of light duty trucks | \$850,000 | City wide agencies |
| Replacement of medium duty trucks | \$350,000 | Streets,Parks and T.E. |
| Replacement of heavy duty trucks | \$2,300,000 | Streets,Parks and T.E. |
| Replacement of refuse equipment | \$800,000 | Streets east and west |
| Replacement of heavy machinery and equipment | \$500,000 | Streets and Parks |
| Replacement of mowers, tractors and related equipment | \$500,000 | Streets and Parks |
| Replacement of trailers and related equipment | \$50,000 | Streets,Parks and T.E. |
| Replacement of tree service equipment | \$110,000 | Streets and Parks |
| Replacement of Police squads and annual Bobcat lease program | \$2,160,000 | Police and City wide agenciesPolice and City wide agencies |

Explain the justification for selecting projects planned for 2024:

By replacing vehicles that are due for replacement, Fleet will be upgrading vehicles and equipment. The newer vehicles have more environmentally sustainable features. For example anti-idling technology that will reduce fuel usage, dangerous emissions, and save the City money. By replacing older vehicles we will reduce maintenance and repair costs. Newer vehicles also have changing technology including safety equipment, reducing collisions and preventable repair cost.

2025 Projects

| <i>Project name</i> | <i>Est Cost</i> | <i>Location</i> |
|-----------------------------------|-----------------|------------------------|
| Replacement of sedans | \$900,000 | City wide agencies |
| Replacement of light duty trucks | \$850,000 | City wide agencies |
| Replacement of medium duty trucks | \$350,000 | Streets,Parks and T.E. |
| Replacement of heavy duty trucks | \$2,000,000 | Streets,Parks and T.E. |

| <i>Project name</i> | <i>Est Cost</i> | <i>Location</i> |
|--|-----------------|-------------------------------|
| Replacement of refuse equipment | \$2,100,000 | Streets east and west |
| Replacement of heavy machinery and equipment | \$200,000 | Streets and Parks |
| Replacement of mowers, tractors and related equipment | \$300,000 | Streets and Parks |
| Replacement of trailers and related equipment | \$40,000 | Streets, Parks and T.E. |
| Replacement of tree service equipment | \$100,000 | Streets and Parks |
| Replacement of Police squads and annual Bobcat lease program | \$2,160,000 | Police and City wide agencies |

Explain the justification for selecting projects planned for 2025:

By replacing vehicles that are due for replacement, Fleet will be upgrading vehicles and equipment. The newer vehicles have more environmentally sustainable features. For example anti-idling technology that will reduce fuel usage, dangerous emissions, and save the City money. By replacing older vehicles we will reduce maintenance and repair costs. Newer vehicles also have changing technology including safety equipment, reducing collisions and preventable repair cost.

2026 Projects

| <i>Project name</i> | <i>Est Cost</i> | <i>Location</i> |
|--|-----------------|-------------------------------|
| Replacement of sedans | \$800,000 | City wide agencies |
| Replacement of light duty trucks | \$800,000 | City wide agencies |
| Replacement of medium duty trucks | \$400,000 | Streets,Parks and T.E. |
| Replacement of heavy duty trucks | \$2,500,000 | Streets,Parks and T.E. |
| Replacement of refuse equipment | \$2,000,000 | Streets east and west |
| Replacement of heavy machinery and equipment | \$500,000 | Streets and Parks |
| Replacement of mowers, tractors and related equipment | \$300,000 | Streets and Parks |
| Replacement of trailers and related equipment | \$50,000 | Streets,Parks and T.E. |
| Replacement of tree service equipment | \$200,000 | Streets and Parks |
| Replacement of Police squads and annual Bobcat lease program | \$2,200,000 | Police and City wide agencies |

Explain the justification for selecting projects planned for 2026:

By replacing vehicles that are due for replacement, Fleet will be upgrading vehicles and equipment. The newer vehicles have more environmentally sustainable features. For example anti-idling technology that will reduce fuel usage, dangerous emissions, and save the City money. By replacing older vehicles we will reduce maintenance and repair costs. Newer vehicles also have changing technology including safety equipment, reducing collisions and preventable repair cost.

Operating Costs

What are the estimated annual operating costs associated with the projects planned within this program?

Personnel

| <i># of FTEs</i> | <i>Annual Cost</i> | <i>Description</i> |
|----------------------|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> | <input type="text"/> |

Non-Personnel

| <i>Major</i> | <i>Amount</i> | <i>Description</i> |
|----------------------|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> | <input type="text"/> |

| <i>Major</i> | <i>Amount</i> | <i>Description</i> |
|--------------|---------------|---|
| | | The total estimated annual depreciation for Nakoosa trail facility is \$2.3m including \$1.2m principal and \$1.1m depreciation. This will be recouped through the fleet charges to user agencies beginning 2021. |

Notes

Notes:

v 05/04/2020

2021 Capital Improvement Plan Capital Budget Proposal

Identifying Information

| | | | |
|----------------------------|---------------|----------------------|---------------------------|
| Agency | Fleet Service | Proposal Name | Fire Apparatus / Rescue \ |
| Project Number | 12504 | Project Type | Program |
| Project Category | Other | Priority: | 1 |
| 2021 Project Number | | | |

Description

This program is for purchasing fire apparatus and rescue vehicles. The goal of the program is to maintain a high quality fleet of fire apparatus and emergency vehicles. Program success is measured by analyzing daily availability rates of the fire fleet. Funding in 2019 will be used to purchase seven vehicles including two ambulances and one ladder truck.

Budget Information

Prior Appropriation* \$9,752,300 **Prior Year Actual*** \$9,367,443

*Based on Fiscal Years 2015-2019

Budget by Funding Source

| Funding Source | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 |
|---------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Non-GF GO Borrowing | 3,545,000 | 3,010,000 | 3,035,000 | 3,085,000 | 2,000,000 | 2,920,000 |
| Total | \$3,545,000 | \$3,010,000 | \$3,035,000 | \$3,085,000 | \$2,000,000 | \$2,920,000 |

Budget by Expenditure Type

| Expense Type | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 |
|-------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Machinery and Equipment | 3,545,000 | 3,010,000 | 3,035,000 | 3,085,000 | 2,000,000 | 2,920,000 |
| Total | \$3,545,000 | \$3,010,000 | \$3,035,000 | \$3,085,000 | \$2,000,000 | \$2,920,000 |

Explain any changes from the 2020 CIP in the proposed funding for this program.

Priority

Citywide Element Green and Resilient

Strategy Does not meet a strategy.

Describe how this project advances the Citywide Element:

By replacing vehicles that are due for replacement, Fleet will be upgrading the ambulances and fire apparatus. The newer vehicles have more environmentally sustainable features. For example, the ambulances are outfitted with an-idling technology that will reduce fuel usage, dangerous emissions, and save the City money. In addition we expect that availability of emergency resources will increase and 911 response time will decrease by replacing the older vehicles.

Project Schedule & Location

2021 Projects

| Project name | Est Cost | Location |
|--------------------------------------|-----------|----------|
| Replacement of Fire apparatus Engine | \$800,000 | |

| <i>Project name</i> | <i>Est Cost</i> | <i>Location</i> |
|---|-----------------|-----------------|
| Replacement of Fire apparatus Aerial | \$1,500,000 | |
| Replacement of Fire apparatus HAZ MAT trailer | \$225,000 | Station 8 |
| Ambulance remount (2) | \$370,000 | |
| New ambulance Demers (1) | \$305,000 | |
| Replacement of Fire apparatus Car 31 | \$100,000 | Station 1 |
| Supplemental Squad 8 funding | \$100,000 | Station 8 |
| Electric vehicles | \$45,000 | |
| Command cars (2) | \$100,000 | |

Explain the justification for selecting projects planned for 2021:

By replacing vehicles that are due for replacement, Fleet will be upgrading the ambulances and fire apparatus. The newer vehicles have more environmentally sustainable features. For example, the ambulances are outfitted with an-idling technology that will reduce fuel usage, dangerous emissions, and save the City money. In addition we expect that availability of emergency resources will increase and 911 response time will decrease by replacing the older vehicles.

2022 Projects

| <i>Project Name</i> | <i>Est Cost</i> | <i>Location</i> |
|--|-----------------|-----------------|
| Replacement of Fire apparatus Engine (s) | \$720,000 | Station 9 |
| Replacement of Fire apparatus Aerial (s) | \$1,750,000 | Station 6 |
| HIT 12 | \$225,000 | Station 8 |
| Ambulance remount | \$185,000 | Undetermined |
| ATV/Mini ambulance | \$85,000 | Undetermined |
| Electric vehicle | \$45,000 | Undetermined |

Explain the justification for selecting projects planned for 2022:

By replacing vehicles that are due for replacement, Fleet will be upgrading the ambulances and fire apparatus. The newer vehicles have more environmentally sustainable features. For example, the ambulances are outfitted with an-idling technology that will reduce fuel usage, dangerous emissions, and save the City money. In addition we expect that availability of emergency resources will increase and 911 response time will decrease by replacing the older vehicles.

2023 Projects

| <i>Project Name</i> | <i>Est Cost</i> | <i>Location</i> |
|--|-----------------|-----------------|
| Replacement of Fire apparatus Aerial | \$1,800,000 | Station 8 |
| Replacement of Fire apparatus Engine (s) | \$720,000 | Station 1 |
| Ambulance remount (2) | \$370,000 | Undetermined |
| Command cars (2) | \$100,000 | Undetermined |
| Electric Vehicle (s) | \$45,000 | Undetermined |

Explain the justification for selecting projects planned for 2023:

By replacing vehicles that are due for replacement, Fleet will be upgrading the ambulances and fire apparatus. The newer vehicles have more environmentally sustainable features. For example, the ambulances are outfitted with an-idling technology that will reduce fuel usage, dangerous emissions, and save the City money. In addition we expect that availability of emergency resources will increase and 911 response time will decrease by replacing the older vehicles.

2024 Projects

| <i>Project name</i> | <i>Est Cost</i> | <i>Location</i> |
|--|-----------------|-----------------|
| Replacement of Fire apparatus Engine 3 | \$800,000 | Station 3 |

| <i>Project name</i> | <i>Est Cost</i> | <i>Location</i> |
|--------------------------------------|-----------------|-----------------|
| Replacement of Fire apparatus Aerial | \$1,800,000 | Station 2 |
| Ambulance remount (2) | \$370,000 | Undetermined |
| SCUBA tow vehicle | \$70,000 | Undetermined |
| Electric Vehicle (s) | \$45,000 | Undetermined |

Explain the justification for selecting projects planned for 2024:

By replacing vehicles that are due for replacement, Fleet will be upgrading the ambulances and fire apparatus. The newer vehicles have more environmentally sustainable features. For example, the ambulances are outfitted with an-idling technology that will reduce fuel usage, dangerous emissions, and save the City money. In addition we expect that availability of emergency resources will increase and 911 response time will decrease by replacing the older vehicles.

2025 Projects

| <i>Project name</i> | <i>Est Cost</i> | <i>Location</i> |
|---|-----------------|--------------------|
| Replacement of Fire apparatus Engines (s) | \$1,600,000 | Stations 11 and 12 |
| Command cars (2) | \$100,000 | Undetermined |
| Electric Vehicle (s) Green Equipment | \$300,000 | |

Explain the justification for selecting projects planned for 2025:

By replacing vehicles that are due for replacement, Fleet will be upgrading the ambulances and fire apparatus. The newer vehicles have more environmentally sustainable features. For example, the ambulances are outfitted with an-idling technology that will reduce fuel usage, dangerous emissions, and save the City money. In addition we expect that availability of emergency resources will increase and 911 response time will decrease by replacing the older vehicles.

2026 Projects

| <i>Project name</i> | <i>Est Cost</i> | <i>Location</i> |
|---|-----------------|-----------------|
| Replacement of Fire apparatus Engines (s) | \$800,000 | |
| Replacement of Fire apparatus Aerial (s) | \$1,900,000 | |
| Command cars (2) | \$100,000 | |
| Training Van | \$70,000 | |
| Electric vehicle (s) | \$50,000 | |

Explain the justification for selecting projects planned for 2026:

By replacing vehicles that are due for replacement, Fleet will be upgrading the ambulances and fire apparatus. The newer vehicles have more environmentally sustainable features. For example, the ambulances are outfitted with an-idling technology that will reduce fuel usage, dangerous emissions, and save the City money. In addition we expect that availability of emergency resources will increase and 911 response time will decrease by replacing the older vehicles.

Operating Costs

What are the estimated annual operating costs associated with the projects planned within this program?

Personnel

| <i># of FTEs</i> | <i>Annual Cost</i> | <i>Description</i> |
|----------------------|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> | <input type="text"/> |

Non-Personnel

| <i>Major</i> | <i>Amount</i> | <i>Description</i> |
|----------------------|----------------------|---|
| <input type="text"/> | <input type="text"/> | The total estimated annual depreciation for Nakoosa trail facility is \$2.3m including \$1.2m principal and \$1.1m depreciation. This will be recouped through the fleet charges to user agencies beginning 2021. |

2021 Capital Improvement Plan Capital Budget Proposal

Identifying Information

| | | | |
|-------------------------|---------------|----------------------|------------------|
| Agency | Fleet Service | Proposal Name | Fleet GPS System |
| Project Number | 13094 | Project Type | Project |
| Project Category | Other | Priority: | 3 |

Description

This project funds installation of Global Positioning Systems (GPS) on the Citywide fleet. The goal of this project is to provide both operational efficiencies and vehicle safety measures to help prevent crashes, injuries, and fatalities for Mayor Satya's Madison Vision Zero plan.

Budget Information

Total Project Budget **Prior Appropriation** \$0

Budget by Funding Source

| Funding Source | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|
| Non-GF GO Borrowing | 250,000 | 200,000 | 200,000 | 200,000 | 200,000 | 200,000 |
| Total | \$250,000 | \$200,000 | \$200,000 | \$200,000 | \$200,000 | \$200,000 |

Budget by Expenditure Type

| Expense Type | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 |
|-------------------------|-----------|-----------|-----------|-----------|-----------|-----------|
| Machinery and Equipment | 250,000 | 200,000 | 200,000 | 200,000 | 200,000 | 200,000 |
| Total | \$250,000 | \$200,000 | \$200,000 | \$200,000 | \$200,000 | \$200,000 |

Explain any changes from the 2020 CIP in the proposed funding for this project.

GPS funding for the last two years had been placed in the 2019 CIP and was being drawn down in 2019-2020.

Priority

Citywide Element

Strategy

Describe how this project advances the Citywide Element:

By properly leveraging GPS technology to coach City drivers in better driving behaviors, we should see a dramatic reduction in speeding, hard braking, hard acceleration, and other practices which lead to collisions, injuries, and fatalities on the roadways involving pedestrians, bicyclists, and motor vehicle operators. We can also use the technology to eliminate unnecessary idling for environmental sustainability and fuel costs.

What is the justification for this project?

Collisions are costly for auto repair, legal cases, and insurance liability claims, so we expect a significant return on investment (ROI) from this project. This is a central project of Mayor Satya's Madison Vision Zero program for vehicle safety technology. There will also be efficiencies by using agencies in winter operations, waste collection, engineering and construction, and forestry.

Project Schedule & Location

Can this project be mapped? Yes No

What is the location of the project?

Is this project on the Project's Portal? Yes No

| <i>Status/Phase</i> | | <i>Est Cost</i> | <i>Description</i> |
|---------------------|--|-----------------|--------------------|
| | | 250000 | |
| 2022 Status | | | |
| <i>Status/Phase</i> | | <i>Est Cost</i> | <i>Description</i> |
| | | 200000 | |
| 2023 Status | | | |
| <i>Status/Phase</i> | | <i>Est Cost</i> | <i>Description</i> |
| | | 200000 | |
| 2024 Status | | | |
| <i>Status/Phase</i> | | <i>Est Cost</i> | <i>Description</i> |
| | | 200000 | |
| 2025 Status | | | |
| <i>Status/Phase</i> | | <i>Est Cost</i> | <i>Description</i> |
| | | 200000 | |
| 2026 Status | | | |
| <i>Status/Phase</i> | | <i>Est Cost</i> | <i>Description</i> |
| | | 200000 | |

Operating Costs

What are the estimated annual operating costs associated with the project? \$0

Personnel

| <i># of FTEs</i> | <i>Annual Cost</i> | <i>Description</i> |
|----------------------|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> | <input type="text"/> |

Non-Personnel

| <i>Major</i> | <i>Amount</i> | <i>Description</i> |
|----------------------|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> | <input type="text"/> |

Notes

Notes:

2021 Capital Improvement Plan Capital Budget Proposal

Identifying Information

| | | | |
|----------------------------|--|----------------------|--|
| Agency | <input type="text" value="Henry Vilas Zoo"/> | Proposal Name | <input type="text" value="Henry Vilas Zoo"/> |
| Project Number | <input type="text" value="11215"/> | Project Type | <input type="text" value="Program"/> |
| Project Category | <input type="text" value="Other"/> | Priority: | <input type="text" value="1"/> |
| 2021 Project Number | <input type="text" value="11121"/> | | |

Description

This program provides funding for improvements at the Henry Vilas Zoo. Under the current agreement, Zoo operating costs are split between Dane County and the City of Madison on a 80/20 ratio, while capital costs are shared on a voluntary basis. The goal of the program is to participate in the maintenance of the quality and safety of the various buildings and land improvements at Henry Vilas Zoo to enhance visitors' experiences. Specific projects for 2020 include general Zoo improvements, equipment, and paving projects.

Budget Information

Prior Appropriation* **Prior Year Actual***

*Based on Fiscal Years 2015-2019

Budget by Funding Source

| <i>Funding Source</i> | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 |
|-----------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| GF GO Borrowing | 75,000 | 75,000 | 75,000 | 75,000 | 75,000 | 75,000 |
| Total | \$75,000 | \$75,000 | \$75,000 | \$75,000 | \$75,000 | \$75,000 |

Budget by Expenditure Type

| <i>Expense Type</i> | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 |
|---------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Building | 75,000 | 75,000 | 75,000 | 75,000 | 75,000 | 75,000 |
| Total | \$75,000 | \$75,000 | \$75,000 | \$75,000 | \$75,000 | \$75,000 |

Explain any changes from the 2020 CIP in the proposed funding for this program.

None.

Priority

Citywide Element

Strategy

Describe how this project advances the Citywide Element:

Project Schedule & Location

2021 Projects

| <i>Project name</i> | <i>Est Cost</i> | <i>Location</i> |
|--------------------------|-----------------|----------------------|
| General Zoo Improvements | \$75,000 | 702 S Randall Avenue |

Explain the justification for selecting projects planned for 2021:

2022 Projects

| <i>Project Name</i> | <i>Est Cost</i> | <i>Location</i> |
|--------------------------|-----------------|----------------------|
| General Zoo Improvements | \$75,000 | 702 S Randall Avenue |

Explain the justification for selecting projects planned for 2022:

The County uses the funds for general building maintenance and specific projects. They have not identified specific projects for 2022

2023 Projects

| <i>Project Name</i> | <i>Est Cost</i> | <i>Location</i> |
|--------------------------|-----------------|----------------------|
| General Zoo Improvements | \$75,000 | 702 S Randall Avenue |

Explain the justification for selecting projects planned for 2023:

The County uses the funds for general building maintenance and specific projects. They have not identified specific projects for 2023

2024 Projects

| <i>Project name</i> | <i>Est Cost</i> | <i>Location</i> |
|--------------------------|-----------------|----------------------|
| General Zoo Improvements | \$75,000 | 702 S Randall Avenue |

Explain the justification for selecting projects planned for 2024:

The County uses the funds for general building maintenance and specific projects. They have not identified specific projects for 2024

2025 Projects

| <i>Project name</i> | <i>Est Cost</i> | <i>Location</i> |
|--------------------------|-----------------|----------------------|
| General Zoo Improvements | \$75,000 | 702 S Randall Avenue |

Explain the justification for selecting projects planned for 2025:

The County uses the funds for general building maintenance and specific projects. They have not identified specific projects for 2025

2026 Projects

| <i>Project name</i> | <i>Est Cost</i> | <i>Location</i> |
|--------------------------|-----------------|----------------------|
| General Zoo Improvements | | 702 S Randall Avenue |

Explain the justification for selecting projects planned for 2026:

The County uses the funds for general building maintenance and specific projects. They have not identified specific projects for 2026

Operating Costs

What are the estimated annual operating costs associated with the projects planned within this program? \$0

Personnel

| <i># of FTEs</i> | <i>Annual Cost</i> | <i>Description</i> |
|------------------|--------------------|--------------------|
| | | |

Non-Personnel

| <i>Major</i> | <i>Amount</i> | <i>Description</i> |
|--------------|---------------|--------------------|
| | | |

Notes

Notes:

City of Madison 2020 Authorized Projects
Summary Status

Agency : Fleet Service

of Projects on Schedule

| |
|---|
| 2 |
|---|

of Projects Delayed

| |
|---|
| 0 |
|---|

| Project | 2020 Budget | Status | Notes |
|-----------------------------|----------------------|-------------|-------|
| Fire Apparatus / Rescue Veh | 2,300,000 | On schedule | |
| Fleet Equipment Replacement | 9,080,000 | On schedule | |
| TOTAL | \$ 11,380,000 | | |